

RDS PDP WG Poll - 13 June

During our 13 June meeting, the RDS PDP WG resumed deliberation on the following Data Elements subquestion:

What is the purpose of each gTLD registration "thin data" element?

During the call, the WG agreed to adopt the term "minimum public data set" to refer to the set of data elements deliberated thus far - that is, the list of fields that will always be public no matter the gTLD. As such, this subquestion has been reframed:

What is the purpose of each gTLD registration data element within the "minimum public data set"?

This poll gives all WG members an opportunity to provide feedback on a draft list of purposes and rationale for each data element considered during the 13 June meeting.

Meeting notes and materials, including annotated results from last week's poll, can be found at this link: <https://community.icann.org/x/JMPRAw>

This poll will close at COB on Saturday 17 June 2017.

As previously announced, by submitting a response to this poll, you are granting permission for your entire response - including WG member name and response timestamp - to be included in published poll results. Responses submitted by WG members are not assumed to reflect the views of any organization with which they may be affiliated.

Note: As always, a link to the most recently-opened RDS PDP WG poll, along with links to the last meeting's notes/recordings and next meeting materials, can be found here: <http://tinyurl.com/ng-rds>

Introduction

Following the WG's ICANN58 F2F meeting, Andrew Sullivan proposed that the WG attempt to define the specific purpose of each individual data element, providing rationale for that element's collection and publication. Rod Rasmussen responded to Andrew's proposal by noting that Annex D of the EWG Report also takes this approach. Given WG member support for pursuing this approach, staff prepared a table merging EWG-defined purposes for each data element with Andrew's proposed rationale for each data element. That merged table was presented on slides 3-7 of the 13 July meeting handout as a starting point for WG deliberation on purposes for each data element within the "minimum public data set." (Note: Rows of that table are displayed within each poll question below for easy reference.)

To help pinpoint areas of disagreement and proposed changes for deliberation in the next WG call, this poll seeks WG member input on each row of that table. For each poll question, please consider:

* Do you disagree that each data element (column 1) is collected for the listed purposes (column 2)? If so, which purpose(s) would you add/remove?

* Do you disagree with the stated rationale for collecting these specific data elements (column 3)? If so, how would you change the rationale?

* Do you disagree with the stated rationale for publishing these specific data elements (column 4)? If so, how would you change the rationale?

Note that rough consensus was previously reached in WG Agreements 5-13 that all of the purposes included in this table are "*a legitimate purpose for "thin data" collection.*" Brief descriptions of each purpose can be found on slides 10-12 of the 13 July meeting handout. The objective of this week's poll is to drill down on each data element by considering more specific rationale for collection and publication of that element, tied back to the higher-level purpose(s) previously discussed.

*** 1. Your name (must be RDS PDP WG Member - not WG Observer - to participate in polls)**

If you are a WG Observer and wish to participate in polls, you must upgrade to WG Member to do so.

2. Domain Name

In our 13 June call, the WG considered legitimate purpose(s) and rationale for collecting and publishing the following data element:

Data Element	EWG Purposes	Collection Rationale	Publication Rationale
Domain Name	All	The domain name is required to be collected under the Statement of Purpose, purpose 1. Without this, there is no domain name, so it is literally impossible to have anything to collect or publish.	The domain name is required to be published under purpose 1, because it is a key by which data is accessed. If you wish to look up the current data about a particular name, you use the name as the key by which you query. (This is not the only possible key. For instance, in an EPP registry you could in principle use the ROID to look up a particular name object. But that does not give you the current data for the thing so named; it just gives you the data about that Repository Object. Two different versions of the same name -- like if example.com is registered by Alice then deleted and later registered by Bob -- have different ROIDs.)

From this WG's Statement of Purpose

1. A purpose of gTLD registration data is to provide information about the lifecycle of a domain name and its resolution on the Internet.

Source: [Merged-ThinDataPurposes-v2.pdf](#)

To help the WG make progress by pinpointing data elements that need more discussion, please check any/all boxes that apply and share any proposed additions/changes/deletions or concerns in the Comment Box below.

I disagree that the Domain Name data element is collected for the listed purposes (column 2)

I disagree with the stated rationale for collecting the Domain Name data element (column 3)

I disagree with the stated rationale for publishing the Domain Name data element (column 4)

Comment Box (use this box to express concerns or propose changes to purposes or rationale for this specific data element)

3. Registrar

In our 13 June call, the WG considered legitimate purpose(s) and rationale for collecting and publishing the following data element:

Data Element	EWG Purposes	Collection Rationale	Publication Rationale
Registrar	Domain Name Control Business Domain Name Purchase/Sale Academic/Public Interest DNS Research Regulatory/Contractual Enforcement Criminal Investigation/ DNS Abuse Mitigation DNS Transparency	IANA has a registry of registrar IDs (https://www.iana.org/assignments/registrar-ids/registrar-ids.xhtml#registrar-ids-1), and that contains their (iii) names. This is a protocol parameter registry, but it appears to be managed by ICANN so it is probably appropriate for this PDP to make the policy about how that is to be managed. Data (iii) needs to be collected in order to give (i) Registrar ID meaning, because it is the only way to know whether two IANA ids are bound to the same organization or person.	See data (i) Registrar ID?

Source: [Merged-ThinDataPurposes-v2.pdf](#)

To help the WG make progress by pinpointing data elements that need more discussion, please check any/all boxes that apply and share any proposed additions/changes/deletions or concerns in the Comment Box below.

- I disagree that the Registrar data element is collected for the listed purposes (column 2)
- I disagree with the stated rationale for collecting the Registrar data element (column 3)
- I disagree with the stated rationale for publishing the Registrar data element (column 4)

Comment Box (use this box to express concerns or propose changes to purposes or rationale for this specific data element)

4. Sponsoring Registrar IANA ID

In our 13 June call, the WG considered legitimate purpose(s) and rationale for collecting and publishing the following data element:

Data Element	EWG Purposes	Collection Rationale	Publication Rationale
Sponsoring Registrar IANA ID (aka Registrar IANA Number)	Domain Name Control Business Domain Name Purchase/Sale Academic/Public Interest DNS Research Regulatory/Contractual Enforcement Criminal Investigation/ DNS Abuse Mitigation DNS Transparency	(i) Registrar ID provides data about the entity that created the entry in the registry (formally, in EPP, "repository"). Data (i) is required to be collected under RDS purposes 1 and 2. Without this data it is not possible to know the source of the data and it is not possible to trace it further in the system.	Data (i) are possibly required to be published under purpose 1. This largely depends on whether we think the identity of who is managing an object in the registry is part of the "lifecycle of a domain name". My feeling is "yes". Also, this information is likely to be disclosed anyway; owing to the way these work, publication of these is likely to "leak" information about (i) and (iii)

From this WG's Statement of Purpose

1. A purpose of gTLD registration data is to provide information about the lifecycle of a domain name and its resolution on the Internet.
2. A purpose of RDS is to facilitate dissemination of gTLD registration data of record, such as domain names and their domain contacts and name servers, in accordance with applicable policy.

Source: [Merged-ThinDataPurposes-v2.pdf](#)

To help the WG make progress by pinpointing data elements that need more discussion, please check any/all boxes that apply and share any proposed additions/changes/deletions or concerns in the Comment Box below.

- I disagree that the Sponsoring Registrar IANA ID data element is collected for the listed purposes (column 2)
- I disagree with the stated rationale for collecting the Sponsoring Registrar IANA ID data element (column 3)
- I disagree with the stated rationale for publishing the Sponsoring Registrar IANA ID data element (column 4)

Comment Box (use this box to express concerns or propose changes to purposes or rationale for this specific data element)

5. Whois Server and Referral URL

In our 13 June call, the WG considered legitimate purpose(s) and rationale for collecting and publishing the following data elements:

Data Element	EWG Purposes	Collection Rationale	Publication Rationale
Whois Server and Referral URL (aka Registrar URL)	Domain Name Control Business Domain Name Purchase/Sale Academic/Public Interest DNS Research Regulatory/Contractual Enforcement Criminal Investigation/ DNS Abuse Mitigation DNS Transparency	(ii) Whois Server and Referral URL both provide metadata necessary for the operation of the distributed database that makes up the RDS (in systems other than whois, approximately the same data with the same relation to identity would be in place, but the details might be different. I think we can treat this as a class anyway) Data (ii) is required to be collected under purposes 1 and 2 (dissemination of registration data). Without this data it is not possible to know the source of the data and it is not possible to trace it further in the system.	Data (ii) are required to be published under purposes 1 and 2, as long as there is at least one data element that is required under some purpose and is not available from the registry. (Since the actual registration life cycle is controlled by the registrar and not the registry, this appears likely.)

From this WG's Statement of Purpose

1. A purpose of gTLD registration data is to provide information about the lifecycle of a domain name and its resolution on the Internet.
2. A purpose of RDS is to facilitate dissemination of gTLD registration data of record, such as domain names and their domain contacts and name servers, in accordance with applicable policy.

Source: [Merged-ThinDataPurposes-v2.pdf](#)

To help the WG make progress by pinpointing data elements that need more discussion, please check any/all boxes that apply and share any proposed additions/changes/deletions or concerns in the Comment Box below.

- I disagree that the Whois Server and Referral URL data elements are collected for the listed purposes (column 2)
- I disagree with the stated rationale for collecting the Whois Server and Referral URL data elements (column 3)
- I disagree with the stated rationale for publishing the Whois Server and Referral URL data elements (column 4)

Comment Box (use this box to express concerns or propose changes to purposes or rationale for this specific data element)

6. Name Servers

In our 13 June call, the WG considered legitimate purpose(s) and rationale for collecting and publishing the following data element:

Data Element	EWG Purposes	Collection Rationale	Publication Rationale
Name Servers	Domain Name Control Technical Issue Resolution Domain Name Certification Business Domain Name Purchase/Sale Academic/Public Interest DNS Research Regulatory/Contractual Enforcement Criminal Investigation/ DNS Abuse Mitigation	Without collecting the name servers, domain names cannot function on the Internet, so this is required under purposes 1 and 2. (Given that the registration of the name itself and the collection of the name servers are both required for the basic functioning of the Internet Domain Name System, it strikes me that we may be missing a more obvious purpose in our list, but I guess (1) and (2) will be enough and we're already so late that I am loathe to suggest something more.)	Whenever a name is available on the Internet, the name server data is already available in the DNS, so this data is necessarily published. Under either purpose 1 or 2 (or both), the data about nameservers in the RDS provides an avenue for troubleshooting issues in the DNS, and so it is required for those purposes.

From this WG's Statement of Purpose

1. A purpose of gTLD registration data is to provide information about the lifecycle of a domain name and its resolution on the Internet.
2. A purpose of RDS is to facilitate dissemination of gTLD registration data of record, such as domain names and their domain contacts and name servers, in accordance with applicable policy.

Source: [Merged-ThinDataPurposes-v2.pdf](#)

To help the WG make progress by pinpointing data elements that need more discussion, please check any/all boxes that apply and share any proposed additions/changes/deletions or concerns in the Comment Box below.

I disagree that the Name Servers data element is collected for the listed purposes (column 2)

I disagree with the stated rationale for collecting the Name Servers data element (column 3)

I disagree with the stated rationale for publishing the Name Server data element (column 4)

Comment Box (use this box to express concerns or propose changes to purposes or rationale for this specific data element)

7. Status

In our 13 June call, the WG considered legitimate purpose(s) and rationale for collecting and publishing the following data element:

Data Element	EWG Purposes	Collection Rationale	Publication Rationale
Statuses (aka Registration Status, Client Status (Registrar) Server Status (Registry))	Domain Name Control Business Domain Name Purchase/Sale Academic/Public Interest DNS Research Regulatory/Contractual Enforcement Criminal Investigation/ DNS Abuse Mitigation	The status values are not exactly "collected", but are at least in part the result of various actions by the sponsoring registrar and registry on the name. (Some can be set directly.) These govern the disposition of the name in question, and are a necessary condition for having a shared registration system, so they are required under purpose 1.	The status values govern the possible things that could be done to a name, and therefore the data must be published under purpose 1.

From this WG's Statement of Purpose

1. A purpose of gTLD registration data is to provide information about the lifecycle of a domain name and its resolution on the Internet.

Source: [Merged-ThinDataPurposes-v2.pdf](#)

To help the WG make progress by pinpointing data elements that need more discussion, please check any/all boxes that apply and share any proposed additions/changes/deletions or concerns in the Comment Box below.

- I disagree that the Status data element is collected for the listed purposes (column 2)
- I disagree with the stated rationale for collecting the Status data element (column 3)
- I disagree with the stated rationale for publishing the Status data element (column 4)

Comment Box (use this box to express concerns or propose changes to purposes or rationale for this specific data element)

8. Updated Date, Creation Date, Expiration Date

In our 13 June call, the WG considered legitimate purpose(s) and rationale for collecting and publishing the following data elements:

Data Element	EWG Purposes	Collection Rationale	Publication Rationale
Updated Date and Creation Date and Expiration Date (aka Registrar Expiration Date)	Domain Name Control Business Domain Name Purchase/Sale Academic/Public Interest DNS Research Regulatory/Contractual Enforcement Criminal Investigation/ DNS Abuse Mitigation	While the dates might appear to be different kinds, they aren't, since for our purposes they all have at least one common utility (see below). The dates, like status values, are not exactly "collected": they're a consequence of certain activities. They're necessary for the workings of the shared registration systems using the current fee-for-term model that (approximately?) all gTLD registries use today, so they're required under purpose 1.	The dates are required under purpose 1 or 2 in order to aid troubleshooting of resolution. (If a name worked yesterday and not today, it is helpful to know that it was just created -- meaning the old one was deleted -- or that it is expired, or that someone updated the name only last night.)

From this WG's Statement of Purpose

1. A purpose of gTLD registration data is to provide information about the lifecycle of a domain name and its resolution on the Internet.
2. A purpose of RDS is to facilitate dissemination of gTLD registration data of record, such as domain names and their domain contacts and name servers, in accordance with applicable policy.

Source: [Merged-ThinDataPurposes-v2.pdf](#)

To help the WG make progress by pinpointing data elements that need more discussion, please check any/all boxes that apply and share any proposed additions/changes/deletions or concerns in the Comment Box below.

- I disagree that the Updated, Creation, and Expiration Date data elements are collected for the listed purposes (column 2)
- I disagree with the stated rationale for collecting the Updated, Creation, and Expiration Date data elements (column 3)
- I disagree with the stated rationale for publishing the Updated, Creation, and Expiration Date data elements (column 4)

Comment Box (use this box to express concerns or propose changes to purposes or rationale for this specific data element)

Thanks for participating in this poll. Please click below to submit your responses.

By submitting a response to this poll, you are granting permission for your entire response - including WG member name and response timestamp - to be included in published poll results.

Input gathered through this poll will be used as input to further WG deliberation on charter questions.