



**I C A N N**

**COMMUNITY FORUM**

**61**

**SAN JUAN**

10-15 March 2018

# **Next-Generation gTLD Registration Directory Service (RDS) to replace WHOIS PDP WG**

**Face-to-Face Working Group Meeting  
Wednesday 14 March (15.15-18.30 Local Time)**



ICANN 61

# Agenda: Wednesday 14 March

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Introductions  
& SOI Updates

2

Quick Review  
of Meeting Goals  
and Saturday  
progress

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Entities identified  
or contacted using  
gTLD registration  
data (cont'd)

4

Deliberate on remaining  
possible purposes for  
processing registration  
data

5

Confirm action  
items & proposed  
decision points

# WG Member Introductions and SOI Updates

Agenda Item #1



# Quick Review of Meeting Goals and Saturday progress

Agenda Item #2

# Goals for this meeting

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- ⦿ As the WG has deliberated on these Charter Questions:
  - *Who should have access to gTLD registration data and for what purposes?*
  - *What data should be collected, stored, and disclosed for those purposes?*
- ⦿ We may be constraining our thinking by deliberating on existing WHOIS data elements, assuming today's (often implicit) definitions, without clearly-stated expectations of the entities identified and/or contacted using registration data
- ⦿ To address these concerns and enable more effective deliberation, purpose drafting teams were asked to re-convene to answer the following questions:
  1. Who associated with the domain name registration needs to be identified and/or contacted for each purpose?
  2. What is the objective achieved by identifying and/or contacting each of those entities?
  3. What might be expected of that entity with regard to the domain name?
- ⦿ On Saturday, four DTs presented their answers to the full WG: today, the other three DTs will present their answers.
- ⦿ Time permitting, results will be put to use at the end of today's session, where we will resume deliberation on possible purposes and associated data

# Summary of entities to be identified or contacted for each possible purpose

Purpose	Tech Issue Resolution	DNS Research	DN Management	Individual Internet Use	DN Certification	DN Purchase Sale	ICANN Contractual Enforcement	Regulatory Enforcement	Legal Action	CA/DA Investigation	CA/DA Notification	CA/DA Reputation
Identify												
- DN Owner												
- Registrar												
- Registry												
- PP												
- Hosting provider												
- DNS Admin												
- DN User												
- 3rd parties												
Contact												
- DN Owner												
- Registrar												
- Registry												
- PP												
- Hosting provider												
- DNS Admin												
- DN User												
- 3rd parties												
Objective												
- Notify												
- Request Action												
- Verify ID												
- Use ID												
- Confirm												
Expectations of Contacted Entity												
- Investigate												
- Respond												
- Resolve												
- Have right and/or ability to take action												

# Entities Identified or Contacted using gTLD Registration Data (Cont'd)

Agenda Item #3



# DT#5: Regulatory Enforcement and ICANN Contractual Enforcement

- ⦿ Mailing list address: [gnso-rds-pdp-5@icann.org](mailto:gnso-rds-pdp-5@icann.org)
- ⦿ Mailing list archive: <http://mm.icann.org/pipermail/gnso-rds-pdp-5/>
- ⦿ Coordinated by: Chuck Gomes
- ⦿ Members: Elizabeth Bacon, Theo Geurts, Steve Metalitz, Krishna Seeburn, Farell Folly, Bastiaan Goslings, Kathy Kleiman
- ⦿ DT5 Answers (to be introduced by Farell and Beth):
  - <https://community.icann.org/download/attachments/79431882/DT5FinalAnswersfortheRegulatoryPurpose.pdf>
  - <https://community.icann.org/download/attachments/79431882/DT5FinalAnswersfortheICANNContractualCompliancePurpose.pdf>

# DT#6: Legal Actions

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- ⦿ Mailing list address: [gns0-rds-pdp-6@icann.org](mailto:gns0-rds-pdp-6@icann.org)
- ⦿ Mailing list archive: <http://mm.icann.org/pipermail/gns0-rds-pdp-6/>
- ⦿ Coordinated by: Chuck Gomes
- ⦿ Members: Paul Keating, Roger Carney, Vicky Sheckler, Farzaneh Badii, Griffin Barnett, Juan Manuel Rojas
- ⦿ DT6 Answers (to be introduced by Griffin):  
<https://community.icann.org/download/attachments/79431882/DT6FinalAnswersfortheLegalActionsPurpose.pdf>

# DT#7: Criminal Investigation/DNS Abuse Mitigation

## – Investigation, Notification, and Reputation

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- ⦿ Mailing list address: [gns0-rds-pdp-7@icann.org](mailto:gns0-rds-pdp-7@icann.org)
- ⦿ Mailing list archive: <http://mm.icann.org/pipermail/gns0-rds-pdp-7/>
- ⦿ Coordinated by: Marika Konings
- ⦿ Members: Richard Leaning, Marc Anderson, Kiran Malancharuvil, Ayden Ferdeline, Rod Rasmussen, Raoul Plommer
- ⦿ DT7 Answers (to be introduced by Marc):  
<https://community.icann.org/download/attachments/79431882/DT7AnswerstoQuestions-7March2018.pdf>

# Deliberate on remaining possible purposes for processing gTLD registration data

## Agenda Item #4

# Refer to Drafting Team Outputs

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- ⦿ Refer to definitions produced by Drafting Teams in November 2017:
  - DT5: [ICANN Contractual Enforcement PDF](#) and [DOC](#)
  - DT4: [Domain Name Purchase/Sale PDF](#) and [DOC](#)
- ⦿ Starting with ICANN Contractual Compliance (DT5) and Domain Name Purchase/Sale (DT4), for each possible purpose, let's consider:
  - Is this a legitimate purpose for processing registration data?
  - If so, what data (including contact data) is necessary for this purpose?
  - Is that data already collected for another (compatible) purpose?



# DT5 - ICANN Contractual Enforcement

- ⦿ **Drafting Team's Purpose Summary:**

Information accessed to enable ICANN Compliance to monitor and enforce contracted parties' agreements with ICANN.

- ⦿ **Data:**

ICANN organization may require the following data elements to check ICANN contractual compliance

- Registrant Name
- Registrant Street
- Registrant Email
- Name Server
- Domain Status
- Log files and, ... other records associated with the Registration containing dates, times, and time zones of communications and sessions, including initial registration
- Updated Date
- Registry Expiry Date

**DT5 Output:** <https://community.icann.org/download/attachments/74580010>

[/DT5%20Final%20Deliverable%20for%20the%20Contractual%20Enforcement%20Purpose%20%28Use%20Case%29%20-%208%20Nov%2017%20%28002%291.pdf](https://community.icann.org/download/attachments/74580010/DT5%20Final%20Deliverable%20for%20the%20Contractual%20Enforcement%20Purpose%20%28Use%20Case%29%20-%208%20Nov%2017%20%28002%291.pdf)

# DT4 - Domain Name Purchase/Sale

## ○ Drafting Team's Purpose Summary:

Information to enable contact between the registrant and third-party buyer to assist registrant in proving and exercising property interest in the domain name and third-party buyer in confirming the registrant's property interest and related merchantability.

Data: The following gTLD registration data is often involved in this purpose.

Data	Description of Registration Data used during Domain Name Purchase/Sale
Registrant Name	Current registrant of the domain name so interested buyers or businesses know <i>who</i> to contact for purchase.
Registrant Contact	A way to contact the current registrant, via email or phone, to make an offer for domain name purchases or for legal purposes, e.g., notifications of trademark infringement.
Registrant's Country	In purchasing a domain, country of origin provides jurisdictional context for local laws and procedures throughout the transaction.
Date of Registration	To establish historical ownership of a domain name to assess the name's merchantability.
Domain Names for Specified Registrant	EWG recommendation for new search capability to facilitate transfer of all domain names owned by a single registrant or company in the case of a merger/transition.

**DT4 Output:** <https://community.icann.org/download/attachments/74580010/DraftingTeam4-DNPurchaseSale-Purpose-v9-clean.pdf>

# Confirm action items and proposed decision points

Agenda Item #5

# Links to Meeting Materials & Background Slides

Agenda Item #6

# Sessions at ICANN61 and Further Information

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- RDS PDP WG sessions at ICANN61:  
[Saturday March 10, 2018](#) (8.30-12.00 local time)  
[Wednesday March 14, 2018](#) (15.15-18.30 local time)
- Background information:  
Background Docs: <https://community.icann.org/x/QLxlAw>  
Phase 1 Docs: <https://community.icann.org/x/p4xlAw>
- Latest RDS PDP Newsletter:  
[RDS PDP - Newsletter - March 2018](#)
- Working Group Charter:  
<https://community.icann.org/x/E4xlAw>
- Working Group online wiki space (with meeting transcripts, call recordings, draft documents and background materials):  
<https://community.icann.org/x/rjJ-Ag>



# Thank You and Questions



Reach us at:

Email: [gns0-rds-pdp-wg@icann.org](mailto:gns0-rds-pdp-wg@icann.org)

Website: <http://tinyurl.com/ng-rds>



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# Additional Materials for Reference

# Summary of previous registration data agreements

Registration Data Needed For Domain Name	Technical Issue Resolution <sup>1</sup>	Domain Name Management <sup>2</sup>
Domain Name	X	X
Nameservers	X	X
Domain Status	X	X
Expiry Date and Time	X	X
Creation Date		X
Updated Date		X
Sponsoring Registrar	X	X
Registrant Contact(s) <sup>3</sup>	If no Tech Contact is provided	X
- Registrant Name <sup>4</sup>	X	X
- Registrant Organization <sup>4</sup>	X	X
- Registrant Email <sup>5</sup>	X	X
- Registrant Phone <sup>6</sup>	?	
- Registrant Postal Address <sup>7</sup>	?	
- Registrant Country <sup>8</sup>	X	
Technical Contact(s) <sup>9</sup>	X	
Administrative Contact <sup>9</sup>		X
Domain Names for specified Registrant		

Note: Shaded items already agreed to be included in Minimum Public Data Set

"?" indicates more granular data elements not fully specified by existing WG agreements

# Related WG Agreements (footnoted on previous slide)

- <sup>1</sup> 47. *The following information is to be collected for the purpose of Technical Issue Resolution associated with Domain Name Resolution: Technical Contact(s) or (if no Technical Contact is provided) Registrant Contact(s), Nameservers, Domain Status, Expiry Date and Time, Sponsoring Registrar.*
- <sup>2</sup> 49. *The following registration data is needed for the purpose of Domain Name Management: Domain Name, Registrant Name, Registrant Organization, Registrant Email, Registrar Name, Creation Date, Updated Date, Expiration Date, Nameservers, Domain Status, Administrative Contact.*
- <sup>3</sup> 31. *Data enabling at least one way to contact the registrant must be collected and included in the RDS.*
- <sup>4</sup> 30. *At least one element identifying the domain name registrant (i.e., registered name holder) must be collected and included in the RDS.*
- <sup>5</sup> 32. *At a minimum, one or more e-mail addresses must be collected for every domain name included in the RDS, for contact roles that require an e-mail address for contactability.*
- <sup>6</sup> 43. *The RDS must support Registrant Phone + Registrant Phone Ext (extension) data elements.*
- <sup>7</sup> 42. *The RDS must support Registrant Postal Address data elements: Registrant Street Address, City, State/Province, and Postal Code.*
- <sup>8</sup> 28. *Registrant Country must be included in RDS data elements; it must be mandatory to collect for every domain name registration.*
- <sup>9</sup> 36. *Purpose-based contact (PBC) types identified (Admin, Legal, Technical, Abuse, Proxy/Privacy, Business) must be supported by the RDS but optional for registrants to provide.*

Source: <https://community.icann.org/download/attachments/79432604/KeyConceptsDeliberation-WorkingDraft-13Feb2018.pdf>

# Example WHOIS Record From Registry Agreement

Domain Name: EXAMPLE.TLD  
Domain ID: D1234567-TLD  
WHOIS Server: whois.example.tld  
Referral URL: http://www.example.tld  
Updated Date: 2009-05-29T20:13:00Z  
Creation Date: 2000-10-08T00:45:00Z  
Registry Expiry Date: 2010-10-08T00:44:59Z  
Sponsoring Registrar: EXAMPLE REGISTRAR LLC  
Sponsoring Registrar IANA ID: 5555555  
Domain Status: clientDeleteProhibited  
Domain Status: clientRenewProhibited  
Domain Status: clientTransferProhibited  
Domain Status: serverUpdateProhibited

Registrant ID: 5372808-ERL  
Registrant Name: EXAMPLE REGISTRANT  
Registrant Organization: EXAMPLE ORGANIZATION  
Registrant Street: 123 EXAMPLE STREET  
Registrant City: ANYTOWN  
Registrant State/Province: AP  
Registrant Postal Code: A1A1A1  
Registrant Country: EX  
Registrant Phone: +1.5555551212  
Registrant Phone Ext: 1234  
Registrant Fax: +1.5555551213  
Registrant Fax Ext: 4321  
Registrant Email: [EMAIL@EXAMPLE.TL](mailto:EMAIL@EXAMPLE.TL)

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Admin ID: 5372809-ERL  
Admin Name: EXAMPLE REGISTRANT ADMINISTRATIVE  
Admin Organization: EXAMPLE REGISTRANT ORGANIZATION  
Admin Street: 123 EXAMPLE STREET  
Admin City: ANYTOWN  
Admin State/Province: AP  
Admin Postal Code: A1A1A1  
Admin Country: EX  
Admin Phone: +1.5555551212  
Admin Phone Ext: 1234  
Admin Fax: +1.5555551213  
Admin Fax Ext:  
Admin Email: [EMAIL@EXAMPLE.TLD](mailto:EMAIL@EXAMPLE.TLD)

Tech ID: 5372811-ERL  
Tech Name: EXAMPLE REGISTRAR TECHNICAL  
Tech Organization: EXAMPLE REGISTRAR LLC  
Tech Street: 123 EXAMPLE STREET  
Tech City: ANYTOWN  
Tech State/Province: AP  
Tech Postal Code: A1A1A1  
Tech Country: EX  
Tech Phone: +1.1235551234  
Tech Phone Ext: 1234  
Tech Fax: +1.5555551213  
Tech Fax Ext: 93  
Tech Email: [EMAIL@EXAMPLE.TLD](mailto:EMAIL@EXAMPLE.TLD)

Name Server: NS01.EXAMPLEREGISTRAR.TLD  
Name Server: NS02.EXAMPLEREGISTRAR.TLD  
DNSSEC: signedDelegation  
DNSSEC: unsigned

>>> Last update of WHOIS database: 2009-05-29T20:15:00Z <<<