

RDS WG – Drafting Team 2: Domain Name Control and Individual Internet User

Purpose Name: Domain Name Management

Definition: Collecting the required information to create a new domain name registration and ensuring that the domain registration records are under the control of the authorized party and that no unauthorized changes, transfers are made in the record.

Tasks:

1. Create registrant id; create domain name; add DNS data for domain name
2. Monitor domain name registration record for changes & correlate with activities
3. Manage set of domain names to keep them under the same administrative control
4. Transfer of domain name registration from one registrar to another or from registrant to new registrant.
5. Check registration database for status/existence of name when DNS does not work
6. Check contact information for ICANN policy compliance

Users:

These include:

- Registrant, gaining and losing registrar, registry, ISP & other operational contacts
- Domain name operational contacts, potential other users, UDRP, URS, WIPO, ICANN, court proceedings and enforcement actions
- Reseller and registrant affiliates
- New or gaining registrant
- Anyone attempting to interact with domain name for legal actions
- ICANN staff
- Local law enforcement , GAC public safety working group

Data:

Data Element	Purpose
Domain Name	Confirm domain name is registered.
Registrant Name	Identify registrant and determine if registrant is an organization or natural person
Registrant Organization	Identify registrant and determine if registrant is an organization or natural person
Registrant Postal Address (street address, city, state/province, postal code, country)	Monitor for any unauthorized changes to this data
Registrant Phone	One means of contacting the registrant for operational issues

Registrant Email	Contact the registrant for operational issues or verification of requests made to registrar to transfer or modify the domain name registration.
Registrar Name	Identify the domain name registrar to contact if registrant is not contactable
Registrar Abuse Contact	See above.
Original Registration Date	Ensure that the record associated with the domain name is maintained correctly
Creation Date	Ensure that the record associated with the domain name is maintained correctly
Updated Date	Monitor for changes to the registration data
Registrar Expiration Date	Monitor to ensure the domain name is renewed
Name Servers	Monitor to ensure the Nameservers have not been modified without authorization.
Technical Contact Name / Organization / Email / Phone	Contact with any operational issues
Administrative Contact Name / Organization / Email / Phone	Contact with any operational issues. Monitor for possible modifications in domain name management.
Registry and Registrar domain status	Monitor to ensure that the correct statuses are maintained for a domain name registration

Purpose Name: **Individual Internet User**

Definition: Collecting the required information of the registrant or relevant contact in the record to allow the internet user to contact or determine reputation of the domain name registration.

Tasks:

Real world user contacts the domain name registrant for information about their website or services offered using the domain name

Consumer protection – Internet user may reach out to an ISP to determine if the website is legitimate or if a suspect email is phishing.

Users:

These include:

- Anyone operating infrastructure on the Internet
- Any internet user that interacts with a website, service or is contacted via email from a domain name registration.

Data:

Data Element	Purpose
Domain Name	Confirm domain name is registered.
Registrant Name	Identify registrant and determine if registrant is an organization or natural person
Registrant Organization	Identify registrant and determine if registrant is an organization or natural person
Registrant Phone	One means of contacting the registrant for operational issues
Registrant Email	Contact the registrant for operational issues or verification of requests made to registrar to transfer or modify the domain name registration.
Registrar Name	Identify the domain name registrar to contact if registrant is not contactable
Registrar Abuse Contact	See above.
Creation Date	Newly registered domain names can be suspect for phishing
Updated Date	Monitor for changes to the registration data
Name Servers	Identify ISP for issues
Technical Contact Name / Organization / Email / Phone	Contact with any issues
Administrative Contact Name / Organization / Email / Phone	Contact with any issues

ICANN 61 Questions and Answers

1. Who associated with the domain name registration needs to be identified and/or contacted for each purpose?

The entity identified in this use case is the individual (either private or associated by an organization) who has made the decision to purchase the domain name in order to provide access to Internet services that are or will be made available using the domain name.

This individual has the ultimate say in not only how the domain name is used but is responsible for the domain name management functions including resolving (or knowing how to resolve) operational issues, handling issues related to legal actions, care and update of WHOIS contact details (including ICANN contractual issue), and the ultimate sale and transfer of the domain name.

The entity or entities that need to be identified and respond vary depending on the registration. A simple/personal domain name registration may involve a single entity that is responsible for all aspects of the domain. Large corporate domain name registration may involve numerous entities each responsible for a specific area. Specifically

- Selection and creation of the Domain Name – Registrant
- Creation of registrant ID – Registrar
- Configuration of DNS Data (Nameserver IP): Registrant or Organizational DNS Administrator.
- Monitoring and maintenance of WHOIS Status data – Registry and Registrar
- Monitoring to ensure Nameserver and registration data is correct/authoritative – Registrar, Registry, “Tech Contact”, “Admin Contact”.

2. What is the objective achieved by identifying and/or contacting each of those entities?

The purchase [?] and use of a domain name comes with various responsibilities, mostly related to the ensuring the domain name properly resolves and the services associated with the name (and IP) are operational and are being used for intended purposes. The main objective to identify and to contact this individual is to ensure the ability to address the management related items listed in “Tasks” above, [including who is adding/removing data].

3. What might be expected of that entity with regard to the domain name?

Expectations include the ability to respond and act authoritatively [and responsively] with issues related to registration, issue resolution, domain name transfer, and issues related to legal actions. This entity should also have the ability to determine [after the fact] why changes to domain name data were allowed.

Purpose Name:

Individual Internet User

Definition: Collecting the required information of the registrant or relevant contact in the record to allow the internet user to contact or determine reputation of the domain name registration.

From:

<https://community.icann.org/download/attachments/74580010/RDS%20WG%20DT2%20Draft%20edits%201113.pdf>

Note that a link to DT2's previously published output for this purpose was inserted above.

ICANN 61

Questions and Answers

1. Who associated with the domain name registration needs to be identified and/or contacted for each purpose?

The entity identified in this use case is the individual (either private or associated with an organization) who has made the decision to purchase the domain name and has ultimate responsibility for the in order to provide access to Internet services that are or will be made available using the domain name.

2. What is the objective achieved by identifying and/or contacting each of those entities?

The objective for Internet end users is to easily identify the domain name Owner in order to determine if its safe to complete a commercial transaction using a service associated with the domain name. Inthe case of technical issue resolution the objective is to ensure the ability to contact registrant in case of operational issues related to domain name resolution and services associated with the domain name (e.g. ability to identify ISP/Hosting provider).

3. What might be expected of that entity with regard to the domain name?

Expectations include the ability to properly identify the domain name owner and solve/address operational issues including problems related to abuse and the ability be informed of possible consequences.

Working Group Notes 10 March 2018, ICANN61 F2F Individual Internet Use

DT2 Answers: Domain Name Management and Individual Internet Use

Domain Name Management

- DT2 Answers: [Domain Name Management and Individual Internet Use](#)

WG Response:

- Noted that WG Agreement 48 refers to legitimate purpose but does not give grounds for what criteria is used to determine legitimacy (e.g., consistency with mission)
- Legitimate interests of the parties should be identified – this is basis for lawful processing
- Third party legitimate interests are not limited to those of contracted parties.
- Benefit to the registrant is security and stability: To prevent unauthorized changes to the DN registration, that their DN doesn't get hijacked, that they have the ability to verify their DN's record
- The bylaws define, 4.6(e)(i) "Subject to applicable laws, ICANN shall use commercially reasonable efforts to enforce its policies relating to registration directory services and shall work with Supporting Organizations and Advisory Committees to explore structural changes to improve accuracy and access to generic top-level domain registration data, as well as consider safeguards for protecting such data."
- There are different ways of viewing security and stability, and from the registrant's perspective this purpose goes directly to security and stability

Individual Internet Use

Individual Internet Use

- DT2 Answers: [Domain Name Management and Individual Internet Use](#)

WG Response:

- Primary focus is identification and not contact
- Contact in the case of fraud may not be useful – contact might occur through other channels
- Would the average Internet user actually use WHOIS for this purpose?
- Should not be encouraging consumers to do this, but rather provide other consumer protection mechanisms
- Some users DO query WHOIS for this purpose – knowledgeable users are valid too
- WHOIS Review Team studied this very question. There is a study, including [video footage](#), showing Internet users trying to find a domain name owner. The majority went to a website or search engine – WHOIS was not used. Since we paid for this study, we could use it. – RT4 – this question was part of this exercise. The majority went to the website or google. To say that WHOIS came up little if not at all. Perhaps we could retrieve this data for this purpose. For further information, please refer to the [WHOIS Review Team's Final Report](#)
- When you're engaged in a commercial transaction, you want tools to learn who you're dealing with, and why rob users of this tool? (imperfect or not)