***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 |

**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”.
1. 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 indented 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].

1. 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.

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 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.

1. 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.

In the 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).

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

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