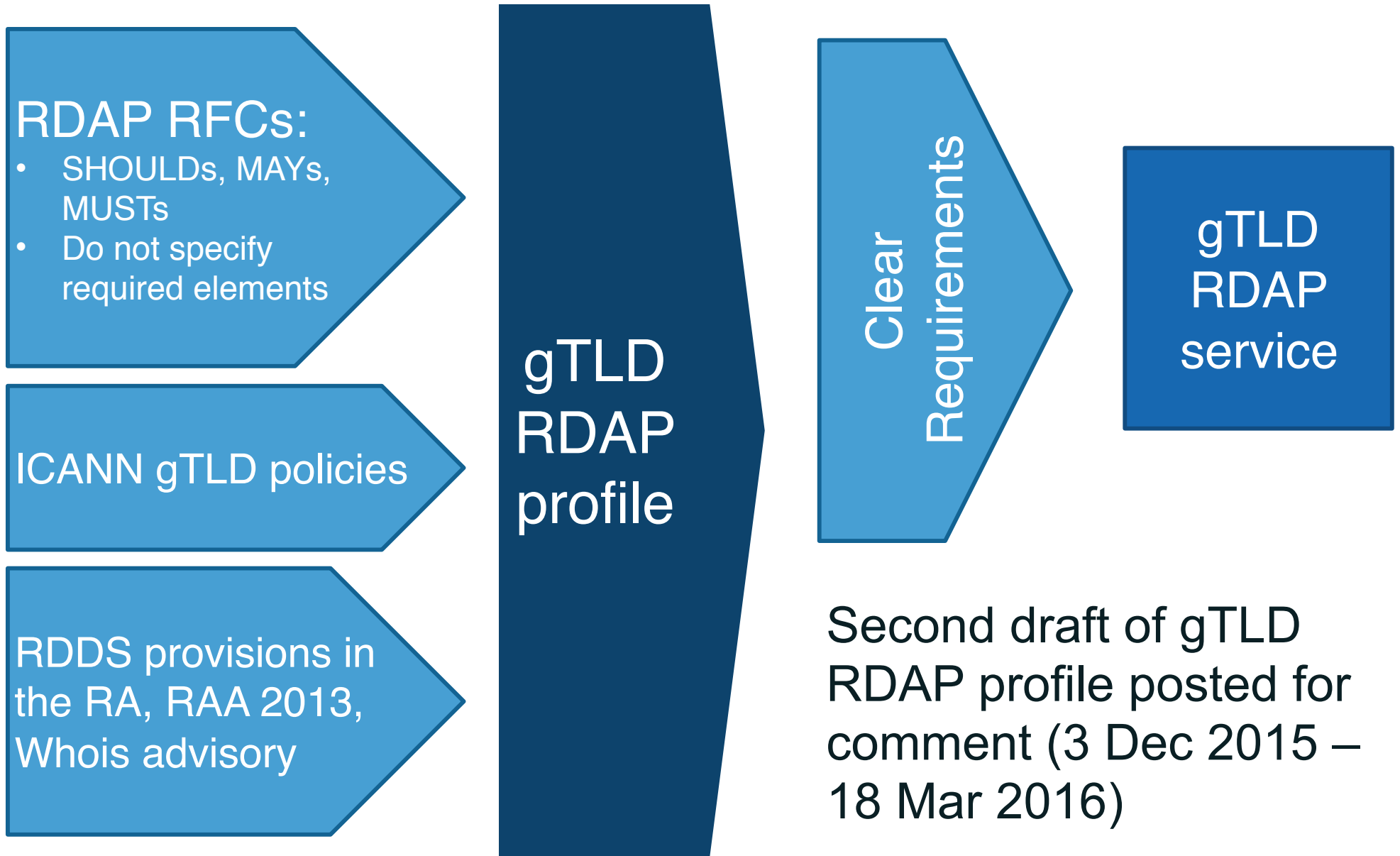


RDAP Implementation

Francisco Arias | ROW#4 | 3 April 2016

ICANN gTLD RDAP Profile



Registry Functions Activity Report

JPRS found a typo in the numbering of the new fields.

● **Proposed update:**

[Fix the typo in the numbering of the fields]

TLSA support

JPRS suggested clarifying TLSA support is not a requirement for clients and what is a requirement for servers.

● Proposed update:

1.3.3. A client must be able to successfully validate the TLS certificate used for the RDAP service with a TLSA record (RFC 6698 and RFC 7671) from the DNS published by the RDAP service provider. The Certificate Usage field of the TLSA record **MUST** have a value of 1 or 3.

Contact ROID

JPRS requested clarification on what to show when the contact ROID is not available to registrars (e.g., thin registries) since the profile seems to change what the advisory says.

- **No proposed update:**

Keep what the draft profile already says, i.e., the client id (from the registrar) must be used.

Last Changed Event

JPRS suggested adding requirement-level words for the "last changed" event.

● Proposed update:

3.1.5. The *eventAction* type *last changed* **MUST** reflect the date and time of the latest successful update known to the Registrar. Registrars are not required to constantly refresh this date from the Registry.

Case Sensitiveness

JPRS suggested clarifying as to which fields have the requirement to preserve case.

● **Proposed update:**

1.4.3. The case (i.e. uppercase and lowercase) of the data returned in RDAP responses **SHOULD** preserve the case received via EPP.

Mixing A- and U-labels

RySG and Neustar suggested that the profile should not require RDAP servers to accept IDNs in queries that come as mixture of A-labels and U-labels.

- **No proposed update:** The “SHOULD NOT” in RFC 7482 appears to be referring to clients. For servers there is a “MAY” later on: “*An RDAP server that receives a query string with a mixture of A-labels and U-labels MAY convert all the U-labels to A-labels ...*”, which allows the profile’s tighter requirement for a given implementation.
- **Postel’s law:** Be conservative in what you send, be liberal in what you accept.

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Thank You and Questions

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