Summary of Proposed Changes for RDAP to the
2017 Base gTLD Registry Agreement

Disclaimer: Listed below is a summary of the key concepts being proposed for change and does not capture the full list of changes that may be necessary to appropriately specify the changes contemplated in the proposed amendment to the Registry Agreement to implement the RDAP service.

These changes are limited to the addition of RDAP in accordance with the RDAP Profile, Service Level Requirements (SLRs), reporting requirements developed by the RDAP pilot working group, and to define an agreeable sunset to the WHOIS Port 43 service obligations.

The RDAP SLA & Reporting Requirements Document developed by the RDAP Pilot Working Group included a 180 day "ramp-up period" to allow for the launch and testing of RDAP before any performance obligations begin to be enforceable by ICANN compliance. ICANN suggests the conclusion of this "ramp up" period could be the trigger for the sunset of the port 43 WHOIS Service obligations. Meaning, once registries are accountable for the RDAP service performance, than we could remove the obligation for WHOIS Port 43 Service.

SPECIFICATION 3 - FORMAT AND CONTENT FOR REGISTRY OPERATOR MONTHLY REPORTING

Incorporates RDAP queries as a data point in **Section 2, Registry Functions Activity Report** in accordance with the RDAP SLA & Reporting document

Field #	Field Name	Description
38	rdap-queries	Total number of RDAP queries (e.g., including search queries, redirects, positive and negative answers, rate-limited queries, authorized or not) received during the period.

SPECIFICATION 4, Section 1 - REGISTRATION DATA PUBLICATION SERVICES

- Adds RDAP to the set of the required RDDS services:
  Registration Data Directory Services or RDDS refers to the collective of WHOIS (via port 43), web-based WHOIS and Registration Data Access Protocol ("RDAP") services, as defined in this Specification.

- Incorporates the RDAP Profile as the set of requirements for the RDAP service:
  RDAP Response Profile and RDAP Technical Implementation Guide (collectively, the "gTLD RDAP Profile") at https://www.icann.org/gtld-rdap-profile

- Defines the conditions for ICANN to update the RDAP Profile as:
  - For "immaterial changes"
  - To comply with Consensus Policy or Temporary Policies/Specifications
  - Or, if endorsed by the RySG & RrSG

- Defines the RDAP Ramp Up period as the first 180 days after the effective date of the amendment. ICANN suggests linking the sunset of the Port43 WHOIS service to the RDAP Ramp Up period:
  Registry Operator will operate a WHOIS service available via port 43 in accordance with RFC 3912 until the conclusion of the RDAP Ramp-up Period.

- Updates **Section 1.10 Searchability** to extend the requirements to RDAP.
  If Registry Operator is required by its Registry Agreement's Approved Services to offer searchability capabilities on WHOIS, Registry Operator shall also be required to offer searchability capabilities on RDAP.

- Adds the following to **Section 1.10 Searchability** (from the Temp Spec).

  - *1.10.7 Registry Operator will ensure such search capability is in compliance with applicable privacy laws or policies.*

  - *1.10.8 Registry Operator will only permit searches on data otherwise available to the querying user, based on whether the user only has access to data publicly available in RDDS or whether the user has access to non-public registration data.*

  - *1.10.9 Registry Operator will only provide results otherwise available to the querying user based on whether the user only has access to data publicly available in RDDS or whether the user has access to non-public registration data.*

- Updates **Section 1.11**, the ICANN website which Registries must link to from their primary website with the relevant Policy & Educational materials to https://lookup.icann.org

SPECIFICATION 10 - REGISTRY PERFORMANCE SPECIFICATIONS

- Updates **Section 1, the Definitions section,** to replace the current term RDDS (Registration Data Directory Services) with WHOIS Services to refer to the collective of WHOIS Port 43 and Web-Based WHOIS and adds RDAP as a defined term.

- Updates **Section 2, Service Level Agreement Matrix as follows:**

	Parameter	SLR (monthly basis)
WHOIS Services [was: RDDS]	WHOIS Services availability	≤ 864 min of downtime (≈ 98%)
	WHOIS Services query RTT	≤ 2000 ms, for at least 95% of the queries
	WHOIS Services update time	≤ 60 min, for at least 95% of the probes
RDAP [NEW]	RDAP availability	≤ 864 min of downtime (» 98%)
	RDAP query RTT unauthenticated lookups with exact match	≤ 5000 ms, for at least 95% of the queries
	RDAP update time	≤ 60 min, for at least 95% of the probes

- Adds: *Until the conclusion of the RDAP Ramp-up Period (as defined in Section 1.14 of Specification 4), Registry Operator shall not be deemed to have breached the RDAP SLRs identified in this Section 2 or triggered the RDAP Emergency Threshold identified in Section 7 of this Specification.*

- Updates **Section 4**, changing **RDDS to WHOIS Services** as applicable.

- Adds a **Section 6** to add the specifics of the **RDAP SLR** as defined in the SLA & Reporting Document.

- Updates **Section 7 Emergency Thresholds,** in accordance with the SLA & Reporting Document

- *The following matrix presents the emergency thresholds that, if reached by any of the services mentioned above for a TLD, would cause the emergency transition of the Registry for the TLD as specified in Section 2.13 of this Agreement. [New] Reaching the WHOIS Services or RDAP Emergency Threshold set forth in this Section shall not cause emergency transition of the Registry for the TLD as specified in Section 2.13 of this Agreement unless both WHOIS Services and RDAP have concurrent downtimes and each has reached its respective Emergency Threshold.*