

ITHI: Identifier Technology Health Indicators

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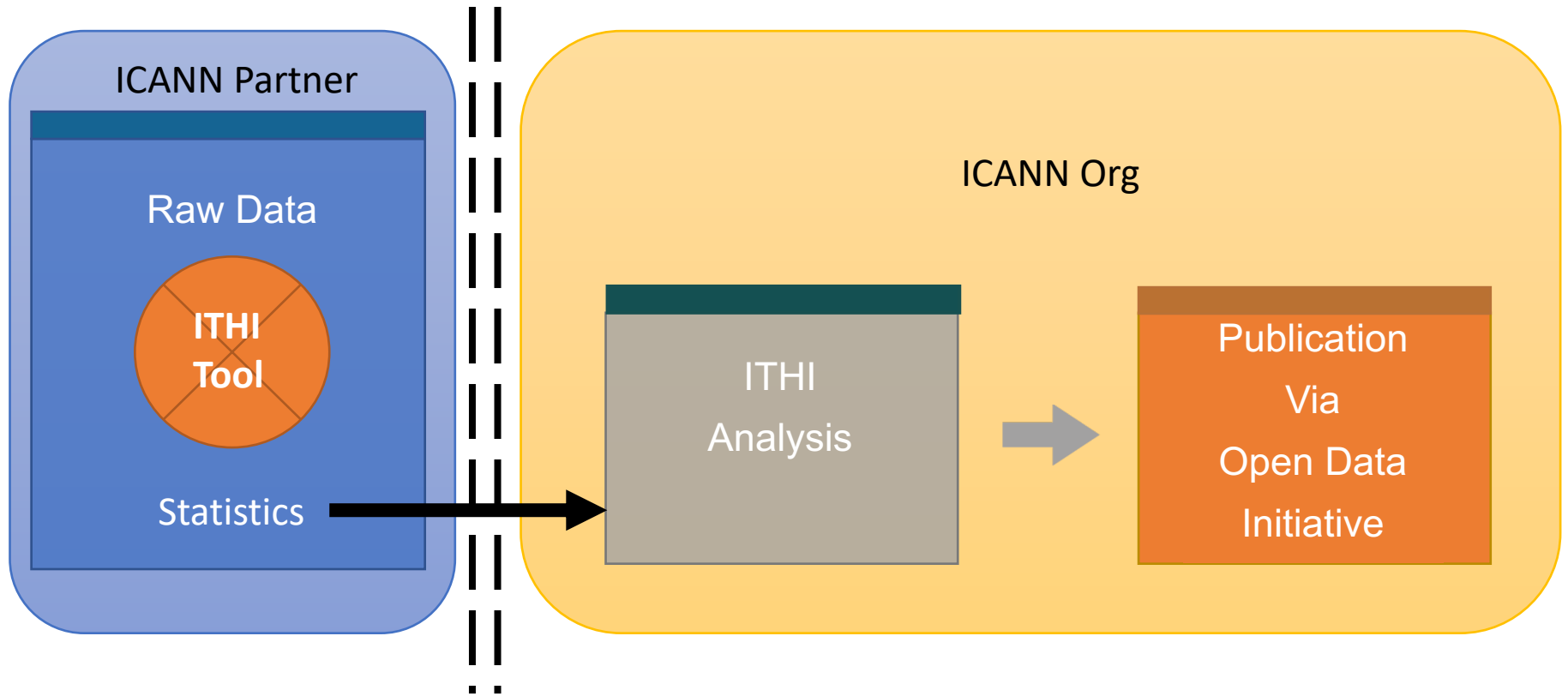
What is ITHI? Why Should You be Interested?

ITHI, or Identifier Technologies Health Indicators is an ICANN initiative to “**measure**” the “**health**” of the “**identifiers**” that “**ICANN helps coordinate**”.

The goal is to produce a set of indicators that will be **measured and tracked over time** that will help determine if the set of identifiers is overall doing better or worse.

This is a long term project, expected to run for many years.

ITHI: Process



No PII, only statistics,
are sent to ICANN org

8 Metrics and Data Sources

Metric	Name	Data Source
M1:	Inaccuracy of Whois Data	ICANN compliance dept.
M2:	Domain Name Abuse	ICANN's DAAR Project https://www.icann.org/octo-ssr/daar
M3:	DNS Root Traffic Analysis	Samples of DNS root traffic
M4:	DNS Recursive Server Analysis	Summaries of recursive resolvers traffic
M5:	DNS Resolver Behavior	APNIC
M6:	IANA registries for DNS parameters	Scan of recursive resolvers traffic
M7:	DNSSEC Deployment	Snapshots of DNS root zone
M8:	DNS TLD Traffic Analysis	Summaries of TLD traffic

DNS Operators: We Need Your Help!

- ITHI metrics help the whole community
 - M3: DNS root
 - M4: Resolver perspective
 - M6: IANA parameter registries for DNS
 - M8: TLD perspective
- Capture methodology is safe
 - Minimal load, no privacy issues
- Please contact us if you are interested!

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