

# Identifier Technology Health Indicators

Lacnic 28



# Qué es?

- Es un proyecto iniciado por ICANN con el objetivo de desarrollar métricas para cuantificar y medir el estado de los identificadores únicos de internet (<https://www.icann.org/ithi-faqs> )
- Los RIRs acordaron facilitar la identificación y el desarrollo de las métricas asociadas al Sistema de Registro de Números de Internet.
- Se asignó a los equipos de Servicio de Registro de los 5 RIR's desarrollar un set inicial de métricas que pueda ser utilizado como punto de partida para consultar a la comunidad.

# Alcance

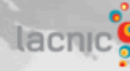
- Incluidos: todos los recursos numéricos de internet que son administrados por cada RIR e incluidos en el ftp delegated stat file.
- No incluido: recursos numéricos de internet reservados por IANA para la comunidad técnica, propósitos especiales, y delegaciones futuras.

# Estatus

- Desarrollo de plan de trabajo e identificación de riesgos – Q4 2016
- Elaboración de primera versión del documento y revisión interna por parte de los RIRs – Q1/Q2 2017
- Consulta a la comunidad vía NRO – Q4 2017
- Entrega de documento final – 2018 TBD

# Consulta a la comunidad

- Se encuentra disponible en la web del NRO la propuesta para comentario publico  
<https://www.nro.net/ithi-project/>
- El período de consulta se extiende desde el 12/9/2017 hasta el 12/12/2017.
- Para proveer feedback sobre la propuesta se creó la lista [ithi-consult@nro.net](mailto:ithi-consult@nro.net) a la cual es posible suscribirse desde el siguiente link (  
[https://www.nro.net/mailman/listinfo/ithi\\_consult](https://www.nro.net/mailman/listinfo/ithi_consult))

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## Identifier Technical Health Indicator Project

The [Identifier Technical Health Indicators](#) (ITHI) project is an initiative by ICANN to improve the security, stability and resiliency of the Internet's unique identifier system, by developing metrics to measure the health of this unique identifier system.

At the request of ICANN, the RIRs are providing input through measurement of the accuracy of its registry data. Accuracy is critical to the reliability of the RIR whois databases, as this data is publicly available.

The Registration Services Coordination (RSCG) and Engineering Coordination Groups (ECG) have developed a [proposal](#) for how the RIRs can identify and measure risk associated with registry data accuracy.

For the purposes of measuring the state of the data, accuracy has been defined as 'comprehensive, correct, and current'.

### Community consultation

The [proposal for ITHI risk identification and definition](#) is available now for public comment.

Please subscribe: [ithi-consult@nro.net](mailto:ithi-consult@nro.net) if you have any feedback on the proposal, specifically:

- The definition of the risks and measurements to report on registry data accuracy
- The proposed approach
- The proposed measurement matrix
- Other information as how often to measure, where to post results, and what formats to use to share the results

The deadline for comments is **Tuesday December 12th 2017**

To subscribe to the mailing list, please visit: <https://www.nro.net/mailman/listinfo/ithi-consult>

# Propuesta

- Exhaustiva
- Correcta
- Actualizada

	Definition	Measurement	Measurement Unit	Comments
Comprehensive	Complete (all required data is available)	Are all INRs administered by each RIR accounted for in the NRO extended delegation statistics?	<ul style="list-style-type: none"> <li>• X number of INRs administered missing out of total INRs in the NRO extended stats file?</li> <li>• Percentage of completeness translated by number above</li> </ul>	Goal is to be 100%, include legacy INRs
	Unique (no duplicated data)	Is INRs registration/holdership data available for all INRs accounted for in the NRO extended delegation statistics [1]	<ul style="list-style-type: none"> <li>• Legal Name and address = 50%, POC Information = 50%</li> <li>• Required holdership data: Legal name and associated legal address, point of contact (email, phone any of these)</li> </ul>	Goal to be determined after first measurement
		Are any INRs administered by each RIR duplicated in the NRO extended delegation statistics	<ul style="list-style-type: none"> <li>• X number of INRs administered overlapping out of total INRs in the NRO extended stats file?</li> <li>• Percentage of completeness translated by number above</li> </ul>	Goal is to be 100% (0% overlapping) [3]
Correct	Matching official sources for legal name and address	Does the required registration / holdership data listed for the INRs holder match official sources	<ul style="list-style-type: none"> <li>• Legal name and address</li> <li>• 50% of total correctness</li> </ul>	To be 100% correct, records must have legal name and address matching official sources as well as a functioning and reachable relevant party
	Functioning and reaching a relevant party	Is the required registration/holdership contact data listed for the INR holder functioning and reachable relevant party?	<ul style="list-style-type: none"> <li>• Point of contact: email / phone</li> <li>• 50% of total correctness</li> </ul>	
Current	Confirmed to be up to date or <i>recently</i> updated [4]	Has the required holdership data listed for the INR holder recently been confirmed to be up-to-date or updated? [1]	Give a weight to each data point to reach a total score out of 100% <ul style="list-style-type: none"> <li>• 50% legal name and address</li> <li>• 50% point of contact</li> </ul>	a. A recent contact moment from for example an email, also counts as up-to-date confirmation? POC validation for ARIN f.e.

# Gracias