

NRO NC Update

(ASO AC)

Address Policy Working Group | RIPE 90 | 14 May 2025

About the NRO NC

(Serves as the ASO AC)

ICANN ASO AC (Address Council)

What is it?	The Address Supporting Organization (ASO) was established by ICANN to advise on Internet number resource policy
How is it organized?	<ul style="list-style-type: none">• 15 members (3 from each RIR region)• In each region - two are elected, one is appointed by the RIR
How long do members serve?	Varies by region
What does it do?	<ul style="list-style-type: none">• Advises the ICANN Board• Oversees the Global Policy Development Process• Appoints two members to the ICANN Board (seats 9 & 10)• Appoints one member to the ICANN Nominating Committee
When does it meet?	<ul style="list-style-type: none">• Monthly virtual meetings• Annual in-person meeting

2025 Members



Kevin Blumberg*
(ARIN)



Nick Nugent
(ARIN)



Amy Potter
(ARIN)



Akinori
Maemura*
(APNIC)



Nicole Chan
(APNIC)



Di Ma
(APNIC)



Esteban
Lescano*
(LACNIC)



Jorge Villa
(LACNIC)



Ricardo Patara
(LACNIC)



Hervé Clément*
(RIPE NCC)



Constanze
Bürger
(RIPE NCC)



Andrei
Robachevsky
(RIPE NCC)

*Appointed by RIR Board

2025 Focus of Work

- Conduct Election for Seat 10 of the ICANN Board
- Monitor and support Global Policy Development Process
- Conduct ICP-2 Review Process

Seat 10 Election

- **Christian Kaufmann** has been selected to serve on Seat 10 of the ICANN Board
- He will serve a three-year term starting in October 2025 at the conclusion of ICANN 84
- Details of the selection process are available at:
<https://aso.icann.org/icann-board/icann-board-elections/2025-icann-board-of-directors-seat-10-election/>

NRO NC Transparency

- **Annual Face to Face – OPEN to Observers**
 - Next meeting scheduled for ICANN 83 in Prague | 9-12 June 2025
- **Mailing Lists OPEN with archives**
<https://aso.icann.org/contact/>
- **ASO AC Monthly Teleconference OPEN to observers.**
 - Usually, the first Wednesday of each month at 12:00 PM UTC
 - Meeting Calendar:
<https://aso.icann.org/aso-ac/meetings/aso-ac-meeting-schedule/>

ICP-2 Review

Background Information, Process and Timeline

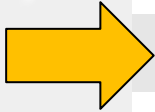
What is ICP-2?

- Internet Coordination Policy 2
- Document that provides criteria for recognizing new RIRs
 - Examples
 - Sufficiently large proposed service region
 - Support of local numbering community
 - Technical capability
- <https://www.icann.org/resources/pages/new-rirs-criteria-2012-02-25-en>

ICP-2 Timeline

(New RIRs under ICP-2)

1992	RIPE NCC established
1993	APNIC established
1997	ARIN established
1998	ICANN established
2001	ICANN adopted ICP-2
2002	LACNIC established
2005	AfriNIC established



Why revisit ICP-2?

- ICP-2 is nearly 25 years old
 - The Internet has changed over the last quarter century
 - The relationships between RIRs and ICANN and between each other have changed
- Need to more explicitly provide for
 - An RIR's ongoing responsibilities
 - Potential de-recognition of an RIR that can no longer adequately provide for the needs of its numbering community

ICP-2 Review Project

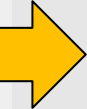
On 25 October 2023, the NRO EC* asked the ASO AC to help with two tasks aimed at strengthening the RIR system:

- (1) **ICP-2 Implementation Procedures:** Review and advise the NRO EC on its draft procedures for validating and addressing ongoing RIR compliance with ICP-2 (“Implementation Procedures”)
- (2) **Strengthen ICP-2:** Revise ICP-2 to make the RIR system more accountable to the Internet community

*Read more about the NRO EC at: <https://www.nro.net/about/executive-council/>

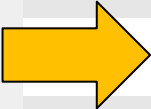
ICP-2 Review Timeline

(Principles Document and Consultation)

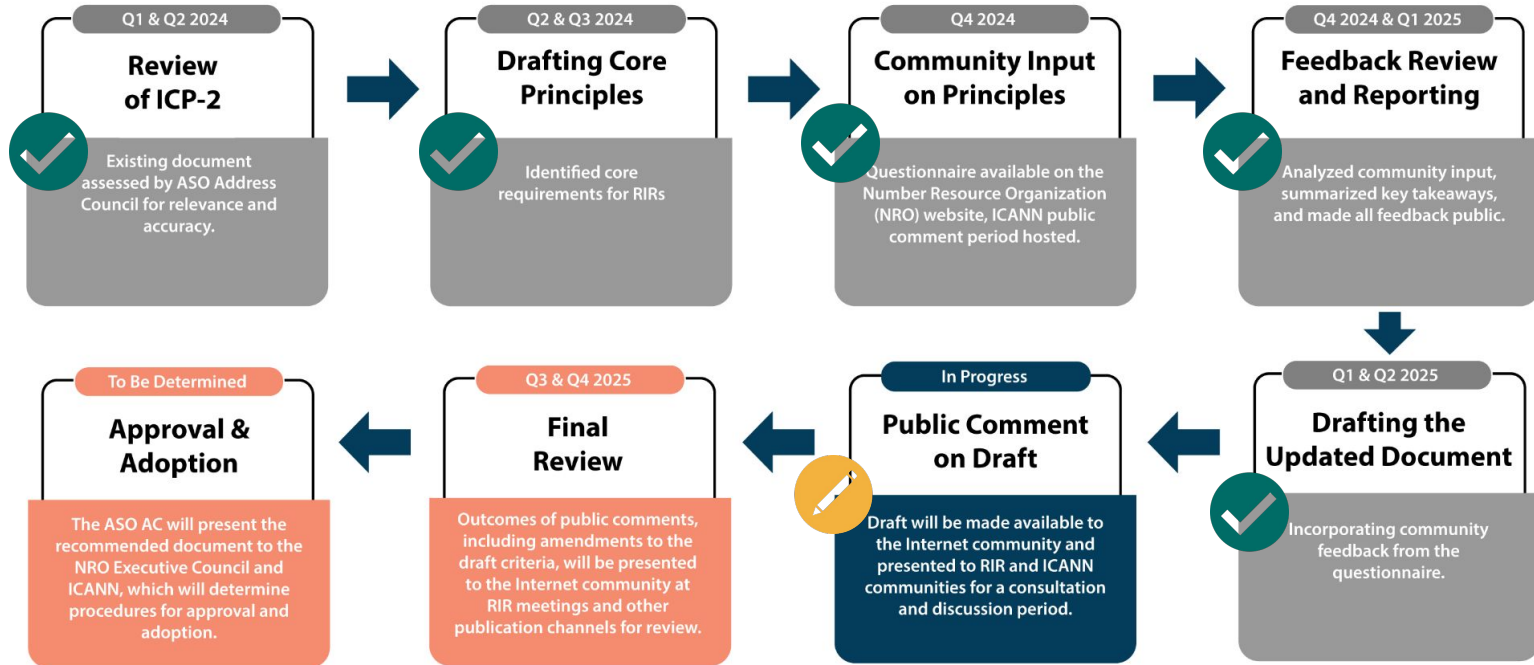
8 Oct 2024	ASO AC published a proposed set of 24 “core principles” to be included in the next version of ICP-2 (“Principles Document”)
8 Oct – 6 Dec 2024	Public consultation on the ICP-2 Principles Doc
Dec 2024 – Feb 2025	ASO AC reviewed community feedback on ICP-2 Principles Document received during public consultation
24 Feb 2025	ASO AC published ICP-2 Questionnaire Summary Report (“ICP-2 Principles Consultation Report”)
 14 April 2025	ASO AC published draft “RIR Governance Document” and launched community consultations

ICP-2 Review Timeline (continued)

The Draft “RIR Governance Document” Consultation

14 April 2025	<ul style="list-style-type: none">• Draft “RIR RIR Governance Document” published• RIR consultations in each region and ICANN Public Comment proceeding launched
 27 May 2025	Public consultation closes
9-12 June 2025	ASO AC will review feedback received
September 2025	The revised “ RIR Governance ” document will be published
Q4 2025	<ul style="list-style-type: none">• Final review and revision of updated document• Begin NRO and ICANN approval and adoption process

ICP-2 Review Timeline



Proposed Principles to Update ICP-2 (*completed*)

Core Principles and Consultation

The ASO AC drafted proposed principles that would form the basis of updating ICP-2. The principles were shared with the RIR and ICANN communities for feedback from 8 October to 6 December 2024.

ICANN Public Comment: 14 responses received

RIR Questionnaire: 298 responses received

The responses were analysed, and a summary report of the RIR Questionnaire was published in February 2025. Input from both processes was used to inform the drafting of the document.

ICP-2 Principles Consultation Report



<https://www.nro.net/policy/internet-coordination-policy-2/icp-2-principles-questionnaire-report-and-data/>

implementation of the principles is outside the scope of ICP-2 and the work of the NRO NC, your detailed feedback will be shared with the RIRs. For the purposes of transparency and possible future use, the comments on implementation have also been included in this overview.

Methodology

Members of the NRO NC and supporting RIR staff reviewed the comments received. Upon reading through the comments, we worked to identify the main themes or concerns emerging from the comments to create a summary for each principle. Additionally, comments that provided constructive feedback or relevant insights were also included in the summary.

We further considered whether the comments pertained to the content of the principle itself, the possible implementation of that principle or the phrasing of the principle. Comments that did not relate to the principle or ICP-2 in general were marked as being off-topic and excluded from this summary.

We received 298 individual submissions from the RIR communities. Upon review, approximately half of these were found to be duplicate comments, most likely generated using artificial intelligence (AI) tools. A more detailed note on how these were considered is shared below.

Many responses provided a rating that did not match the content of the response. We evaluated the content of the response, rather than using the rating from Strongly Disagree to Strongly Agree.

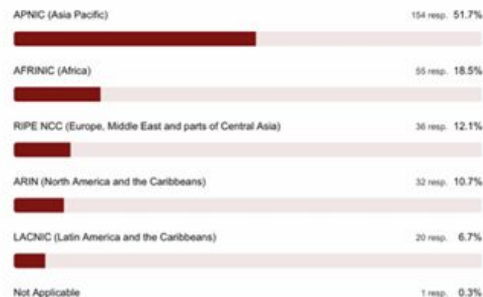
Data cleaning and consolidation of duplicate responses

A linguistic clustering analysis was conducted to identify repeat comments, concluding that approximately 150 of the 298 responses received belonged to clusters of highly similar responses. This analysis was carried out using the deep learning model, BERT (Bidirectional Encoder Representations from Transformers), to identify clusters of highly similar responses. Filtering out highly-similar responses allowed us to focus on the content of the unique comments received.

It is important to note that these near-identical responses have also been included in this analysis. However as these repeated the same pieces of information, each group of identical comments has been treated as a single input. The identical comments were also manually reviewed to check for false positives.

The summary includes a selection of comments related to each principle, to provide a glimpse of the comments received. [The full dataset of comments is available on the NRO website.](#)

Responses received by region



Authority

Any proposal to recognize a Candidate RIR or to derecognize an RIR must originate from the NRO EC after a majority vote in favor of the proposal. ICANN shall have final authority to decide whether to adopt the proposal, subject to ICP-2, provided that ICANN has first consulted with and given substantial consideration to the input of each RIR.

Summary of the comments received

- Comments in support of the principle highlighted the following:
 - There is a need for a balance of authority between the NRO EC and ICANN
 - The input from other stakeholders needs to be included such as RIR communities or the ASO AC, the GAC and RIR communities and members
- Comments also raised concerns with the principle, namely:
 - The role of the NRO EC needs clarity, there is the possibility of becoming gatekeepers
 - The existing RIRs might have a conflict of interest with the establishment of new RIRs
 - Giving ICANN the final authority could contradict the independence of the RIRs, ICANN might gain a lot of power
- Others felt that ICANN has a global oversight role and hence its involvement is appropriate
- The role of all stakeholders and the processes behind should be transparent
- Multistakeholder involvement of the RIR community is indispensable

Sample Comments

"This principle establishes a clear and balanced approach to RIR recognition and derecognition. It empowers the NRO EC to initiate proposals based on community consensus, while granting ICANN the final authority to ensure global consistency and adherence to ICP-2 principles. This division of authority safeguards the stability and integrity of the internet's numbering resources."

"A candidate RIR will emerge always for part(s) of any of the 5 service regions, so i see a clear conflict of interest in the ability of RIRs voting about it."

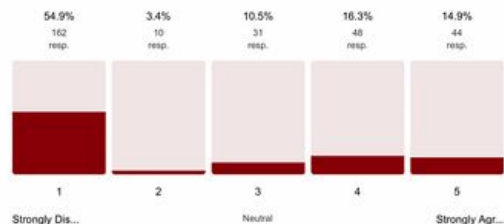
"Consensus among and within the RIR community under consideration should also be considered."

Numerical Rating

Authority

295 out of 298 answered

2.3 Average rating



Incorporating Community Feedback

- All the comments received were **reviewed** and **categorised**:
 - Did they pertain to the principle itself, the phrasing of the principle or the future implementation of the principle?
 - The comments were clustered around the main issues they addressed e.g. the role that ICANN plays, concerns about due process, need to rehabilitate an RIR prior to a possible derecognition
- These concerns were **summarised** and **added to a working sheet**:
 - The NRO NC discussed the concerns raised
 - Depending on the feedback, we decided whether it was within scope and if we wanted to address it in the draft “RIR Governance Document”

How We Used Community Feedback in the Draft

- **Clarified** the role of the community - *an RIR decision implies a corresponding process that is necessary according to the RIR governance model*
- **Addressed** procedural concerns about the recognition and derecognition procedures- *added a provision for appeal and ICANN's review process respectively.*
- **Aligned** the requirements with common privacy and corporate governance requirements
- **Elaborated** where necessary to address questions about the principles

Input focused on implementation of the principles will be considered when developing implementation procedures.

Introducing the Draft “RIR Governance Document”

Governance Document for the Recognition, Maintenance, and
Derecognition of Regional Internet Registries

Draft “RIR Governance Document”



<https://www.nro.net/policy/internet-coordination-policy-2/rir-governance-document/>

The draft “RIR Governance Document” represents a comprehensive update to ICP-2, introducing detailed governance structures, operational requirements, and procedures for the full lifecycle management of RIRs, all developed through extensive community consultation. The draft document:

- Clarifies scope and lifecycle management
- Formalises governance structures
- Strengthens operational requirements
- Clarifies roles, responsibilities, and procedures

Clarified Scope and Lifecycle Management

Original ICP-2 (2001): Focused primarily on the criteria for the establishment of new RIRs.

RIR Governance Document (2025): Clarifies the scope to encompass the entire lifecycle of RIRs, including:

- **Recognition:** Criteria and processes for recognizing new RIRs.
- **Operation:** Ongoing obligations and requirements for RIRs to maintain recognition.
- **Derecognition:** Establishes procedures for the potential derecognition of RIRs that fail to meet specified criteria.

Formalization of Governance Structures

Original ICP-2: Outlined principles such as neutrality, impartiality, and bottom-up policy development but lacked detailed governance structures.

RIR Governance Document: Introduces more detailed governance requirements, including:

- **Member-Controlled Governance:** Majority of an RIR's governing body must be elected by its members.
- **Corporate Governance:** Requires RIRs to adhere to good corporate governance procedures.
- **Anti-Capture Measures:** Requires RIRs to implement controls to prevent any single entity or group from gaining undue influence over an RIR.

Strengthened Operational Requirements

Original ICP-2: Emphasized technical capabilities and the provision of registration services.

RIR Governance Document: Expands operational expectations to include:

- **Audit Obligations:** RIRs must undergo regular audits by external and independent auditors to ensure compliance.
- **Transparency:** Requires comprehensive public documentation of governance, activities, and finances.
- **Continuity Planning:** Mandates procedures and redundancies to ensure service continuity, including the ability for another RIR to assume services if necessary.

Clarification of Roles, Responsibilities, and Procedures

Original ICP-2: Provided general guidelines while only implying the roles of various organisations.

RIR Governance Document: Clearly delineates responsibilities:

- **RIRs:** Must initially approve any proposal to recognise or derecognise an RIR.
- **ICANN:** Exercises final authority to approve or reject proposals, following consultation with RIRs.
- **Procedures:** Specifies procedures and approval thresholds for proposals.

Consultation and Participation Options

14 April 2025 - 27 May 2025

Guidance for Feedback

- Please share feedback that is specific to this draft
- We are particularly interested in hearing your views on the new requirements in the draft
- Whether the draft provides sufficient clarity regarding the ongoing obligations of an RIR and the remediation steps if the obligations are not met
- This document does not address the implementation of the RIR criteria; comments on implementation will be considered out of scope
- Constructive comments are highly appreciated

Follow Discussions

The Community Engagement web page on www.nro.net provides an overview of the engagements on ICP-2 with the NRO NC.

This webpage is updated regularly as more sessions get planned. Session archives are also linked here!

<https://www.nro.net/policy/internet-coordination-policy-2/community-engagement/>



Community Engagement

This page provides an overview of the opportunities to engage with the NRO NC regarding the process to review and update ICP-2. We invite you to follow and contribute to the discussions in your region.

Community Engagement

Each RIR will host a community consultation consisting of online or in-person sessions (listed below) as well as invite input via mailing lists. You can follow the discussions in each RIR via the following lists.

RIR	Mailing List	Archives
AFRINIC	ICP-2 Review Mailing List	View archives
APNIC	ICP-2 Review Mailing List	View archives
ARIN	ICP-2 Review Mailing List	View archives
LACNIC	ICP-2 Consultation Mailing List	View archives
RIPE NCC	RIPE Discussion List	View archives

Upcoming Sessions

Event	Date and Time	Format	Session
ARIN 55	Monday, 28 April, 14:45 (UTC - 4)	Hybrid	
RIPE NCC Open House: Updating ICP-2	Tuesday, 29 April 11:00 (UTC+2)	Online	
LACNIC 43	Wednesday, 7 May 10:00 (UTC-3)	Hybrid	
RIPE 90	TBC (12-16 May)	Hybrid	
APNIC Webinar 1	Wednesday, 30 April 14:00 (UTC+10)	Online	
APNIC Webinar 2	Thursday, 15 May 14:00 (UTC+10)	Online	
AFRINIC	Thursday, 8 May 17:00 (UTC+4)	Online	
ICANN 83	9-12 June	Hybrid	

How to Participate RIPE Community



Mailing List Discussions

<https://mailman.ripe.net/mailman3/lists/ripe-list.ripe.net/>



RIPE Community Plenary

Thursday, 15 May
16:00 (UTC+1)



Mailing List Archives

<https://mailman.ripe.net/archives/list/ripe-list@ripe.net/>

ICANN Public Comment Open Until 27 May 2025



The proposed “Governance Document for the Recognition, Maintenance, and Derecognition of Regional Internet Registries (RIRs)” (“the RIR Governance Document”) sets forth the

- Rules and criteria for recognizing new RIRs
- Operating obligations and requirements of RIRs
- Rules and criteria for derecognizing RIRs

If adopted by ICANN and the RIRs, the “RIR Governance Document” would supersede and replace the [Internet Coordination Policy 2 \(ICP-2\)](#).

<https://www.icann.org/en/public-comment/proceeding/governance-document-for-the-recognition-maintenance-and-derecognition-of-rirs-14-04-2025/submissions>

ICP-2 Review Timeline (reminder)

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Thank You