

NUMBER COMMUNITY PROPOSAL OVERVIEW

The Internet Number Community has a long-standing and straightforward operational relationship with IANA. IANA maintains the global pools of Internet number resources, from which the Regional Internet Registries (RIRs) receive allocations. In this respect, RIRs are the direct stakeholders of the IANA Numbering Services. RIRs further distribute this pool to stakeholders in their respective regions.

Today, NTIA contracts with the IANA Function operator (ICANN) for the IANA Functions on names, protocol parameters and the number resources. For the number resources, NTIA's role is limited to this and there is no involvement by the NTIA on the operation of the IANA Numbering Services. The Proposal was consolidated by the CRISP Team, which was established by the Internet Number Community, through the RIRs, specifically for the purpose.

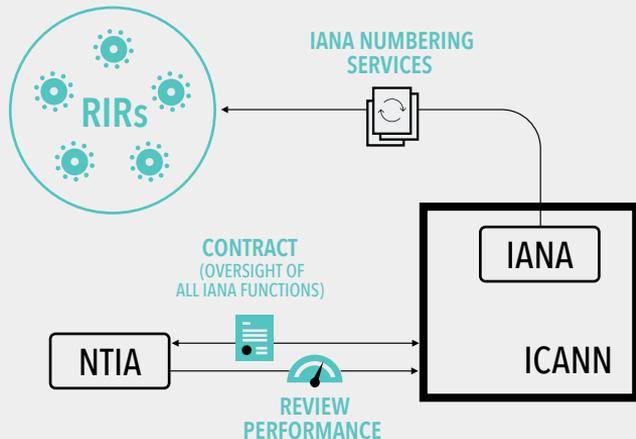
LEARN MORE ABOUT THE CRISP TEAM: www.nro.net/crisp-team

READ THE FINAL PROPOSAL: www.nro.net/crisp-final-proposal

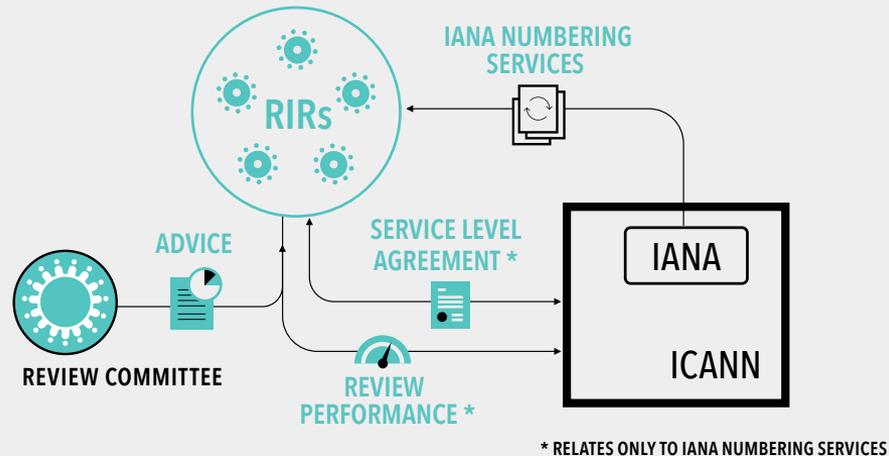
Developed through a bottom-up, inclusive consensus process by the Internet Number Community.



CURRENT



POST-TRANSITION



The RIRs have been very satisfied with the performance of ICANN in the role of the IANA Numbering Services Operator, and their communities have expressed a strong desire for stability and a minimum of operational change. The following elements of the proposal reflect these factors.

- 1** ICANN to continue as the IANA Functions Operator for the IANA Numbering Services via a Service Level Agreement (SLA) with the RIRs
- 2** The rights over any intellectual property related to provision of the IANA services should reside with the community
- 3** A Review Committee, with representatives from each RIR community, should be formed to advise the RIRs on the IANA functions operator's performance in meeting identified service levels

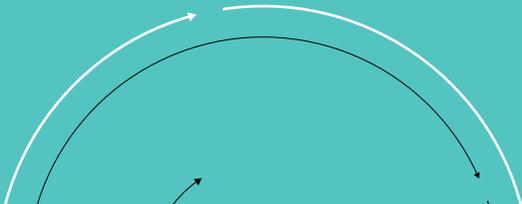
The Internet Number Community proposes that a new contract be established between the IANA Numbering Services Operator and the five RIRs. This arrangement will directly reflect and enforce the IANA Numbering Services Operator's accountability to the Internet Number Community.

By proposing a model similar to that which currently exists, the Number Community proposal attempts to ensure the continuity of processes and mechanisms that have proved successful and with which the community is satisfied.



1. No change to the services provided by the IANA Numbering Services Operator in relation to the IANA Numbering Services.
2. Policy-making with regard to global number policies is unaffected. This is separately documented and governed under the ASO MoU.
3. The oversight and accountability mechanisms detailed in Section II.B remain unchanged.
4. The entities that provide oversight or perform accountability functions (the RIRs) remain the same.
5. Consequences of failure to meet performance standards remain unchanged: termination or non-renewal of the contract.

- 1 SEPARATION OF POLICY DEVELOPMENT AND OPERATIONAL ROLES
- 2 DESCRIPTION OF SERVICES PROVIDED TO RIRS
- 3 OBLIGATION TO ISSUE REPORTS ON TRANSPARENCY AND ACCOUNTABILITY
- 4 SECURITY, PERFORMANCE, AND AUDIT REQUIREMENTS
- 5 REVIEW OF THE IANA OPERATIONS
- 6 FAILURE TO PERFORM
- 7 TERM AND TERMINATION
- 8 CONTINUITY OF OPERATIONS
- 9 INTELLECTUAL PROPERTY RIGHTS AND RIGHTS OVER DATA
- 10 RESOLUTION OF DISPUTES
- 11 FEE

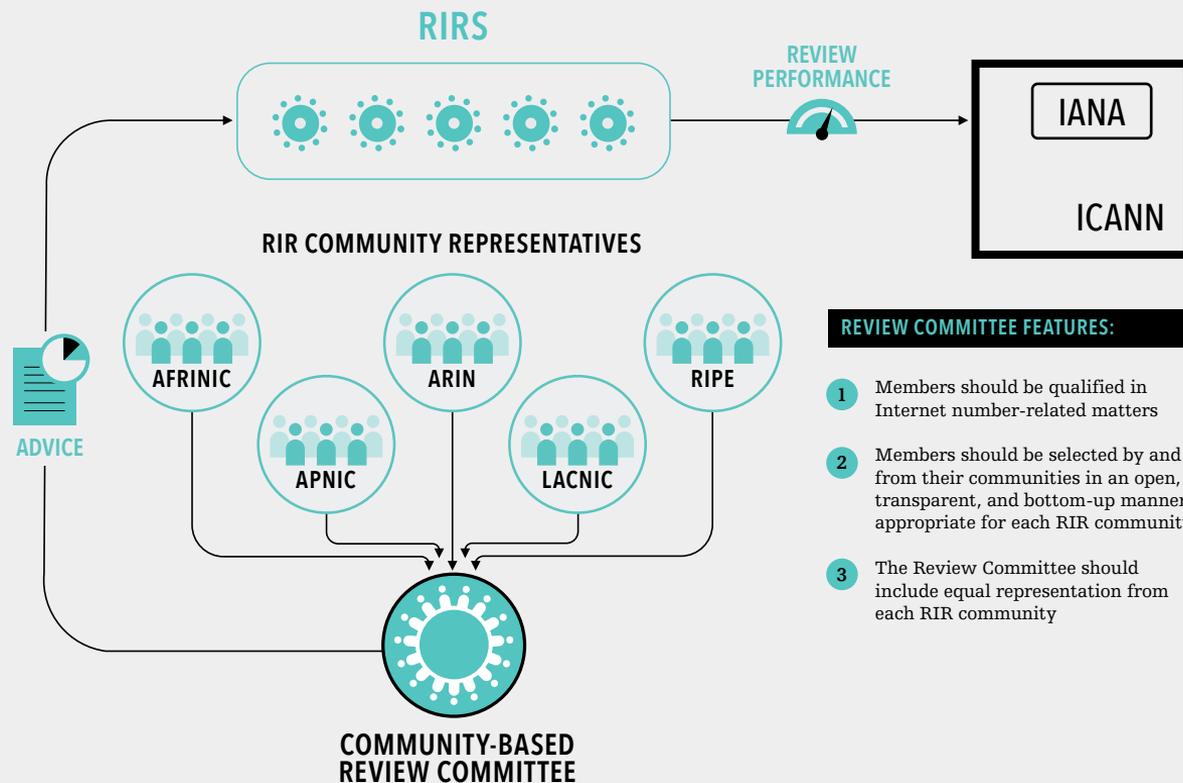


Based on the existing IANA Contract by NTIA

SEE THE PROPOSAL FOR MORE INFORMATION:

III.A.3. Service Level Agreement with the IANA Numbering Services (pages 11, 12)

To ensure that the IANA Numbering Services Operator is meeting the required service levels, the RIRs will periodically review its performance. To facilitate broad community involvement in this process, the RIRs will establish a Review Committee, made up of community representatives from RIR regions, that will advise and assist in this review.



REVIEW COMMITTEE FEATURES:

- 1 Members should be qualified in Internet number-related matters
- 2 Members should be selected by and from their communities in an open, transparent, and bottom-up manner appropriate for each RIR community
- 3 The Review Committee should include equal representation from each RIR community

There are several intellectual properties related to the provision of the IANA services whose status should be clarified as part of the transition:

	The IANA trademark
	The IANA.ORG domain name
	The public databases related to the performance of the IANA Numbering Services, including the IANA Numbers Registries

It is important that the intellectual property status of the number registries themselves remains clear and ensures free and unrestricted access to the public registry data throughout the stewardship transition and going forward.

IT IS THE EXPECTATION OF THE INTERNET NUMBER COMMUNITY THAT:

- The IANA Number Registries are in the public domain
- The IANA Numbering Services Operator will be responsible for managing certain non-public information related to the IANA number resource registries, all rights over this non-public information reside with the RIRs

IT IS THE PREFERENCE OF THE INTERNET NUMBER COMMUNITY THAT:

- Ownership of the IANA trademark and the IANA.ORG domain should reside with an independent, third-party such as the IETF Trust or similar entity
- All relevant parties agree to these expectations as part of the transition

AFRINIC (African Regional Network Information Centre) www.afrinic.net

This RIR serves the African region and parts of the Indian Ocean.

APNIC (Asia Pacific Network Information Centre) www.apnic.net

This RIR serves the Asia Pacific region.

ARIN (American Registry for Internet Numbers) www.arin.net

This RIR serves Canada, the US, and many Caribbean and North Atlantic Islands.

ASO (Addressing Support Organization) www.aso.icann.org

One of the supporting organisations required by the ICANN bylaws. The ASO reviews and develops recommendations on IP address policy and advises the ICANN Board on these matters.

ASO AC (Address Supporting Organization Advisory Council) www.aso.icann.org/advisory-council

The ASO AC oversees recommendations on IP address policy, including the management of policy development activities and appointments to the ICANN Board of Directors.

ASO MoU (Address Supporting Organization Memorandum of Understanding)

www.aso.icann.org/about-the-aso/aso-memorandum-of-understanding

The ASO MoU sets out the principles used to form and operate the ASO.

The CRISP Team (Consolidated RIR IANA Stewardship Proposal Team)

A group established by the Internet Number Community through the Regional Internet Registry communities specifically for the purpose of producing 'Response to the IANA Stewardship Transition Coordination Group Request for Proposals on the IANA from the Internet Number Community'.

Global PDP (Global Policy Development Process) "gPDP" in the diagram

www.nro.net/documents/global-policy-development-process

The process facilitates the integration of regional policy development processes with ICANN policy development process.

IANA (Internet Assigned Numbers Authority) www.iana.org

IANA manages IP address space allocation and domain names.

ICANN (Internet Corporation for Assigned Names and Numbers) www.icann.org

A not-for-profit organization that distributes IP address space to RIRs.

IETF (Internet Engineering Task Force) www.ietf.org

This is a community of network designers, operators, vendors and researchers involved in the Internet.

Internet Number Community

Anyone who is involved and/or interested in the management and use of Internet Number resources – IP addresses and AS Numbers.

LACNIC (Latin American and Caribbean Regional Network Information Centre) www.lacnic.net

This is the RIR responsible for the Latin America and Caribbean region.

NRO (Number Resource Organization) www.nro.net

This organization allows the RIRs to act together. It is a central point for input from the Internet community to the RIR system. It aims to protect the unallocated Number Resource pool, and promote and protect a bottom-up Policy Development Process.

NRO EC (Number Resource Organization Executive Council)

www.nro.net/about-the-nro/number-resource-organization-executive-council

Representatives of the Regional Internet Registries (RIRs), generally the chief executives of the five RIRs, comprise the Executive Council (EC) of the NRO, with EC positions rotating annually.

NRO NC (Number Resource Organization Number Council) www.nro.net/about-the-nro/the-nro-number-council

The NRO NC serves as the ASO Address Council (ASO AC). It oversees recommendations on IP address policy, including the management of policy development activities, and appoints members to the ICANN Board of Directors. The regional policy forum of each RIR selects two members. The Executive Board of each RIR also appoints one person from its respective region.

NTIA (National Telecommunications & Information Administration) www.ntia.doc.gov

Located within the USA's Department of Commerce, is the Executive Branch agency that is principally responsible by law for advising the President on telecommunications and information policy issues.

Regional PDP (Regional Policy Development Process)

The established bottom-up, transparent and open process by which the regional Internet Numbering Communities develop number resource policies.

RIPE NCC (Réseaux IP Européens Network Coordination Centre) www.ripe.net

This is the RIR serving Europe, the Middle East and parts of central Asia.

RIR (Regional Internet Registry)

An RIR is a not-for-profit, membership-based organization representing the Internet communities in their region. Each RIR is responsible for the coordination and representation of Internet Registries, allocation and assignment of IPv4 and IPv6 address space, ASNs and maintenance of public databases.