

Global Internet Resource Governance

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**CARIBBEAN
SECTOR MEETING**

ARIN

Regional Internet Registries



Global Governance

ORGANIZATION	RESPONSIBILITY
ICANN IANA [Internet Assigned Numbers Authority]	Manage Global IP Address Pool [Allocate Internet Number Resources to RIRs]
RIRs [Afrinic, APNIC, ARIN, LACNIC, RIPE NCC]	Manage Regional IP Address Pool [Allocate Resources to LIRs/ISPs] [Assigns Resources to Enterprises]
LIRs / ISPs / Enterprises	Manage Local IP Address Pool [Allocate Resources to LIRs/ISPs] [Assign Resources to Enterprises and Infrastructure]

RIR System

- The Regional Internet Registry (RIR) system began in 1992
- There are five RIRs
- RIRs coordinate closely with IANA
- All RIRs are nonprofit, community-driven organizations

RIR Structure

Nonprofit	Membership Organization	Community Regulated
Fee for services, not number resources	Open	Community developed policies
100% community funded	Broad based	Member-elected executive boards
<ul style="list-style-type: none">• Registration services• Organization services• PDP Services	<ul style="list-style-type: none">• Public sector• Private sector• Civil society	Open and transparent

Registration Services



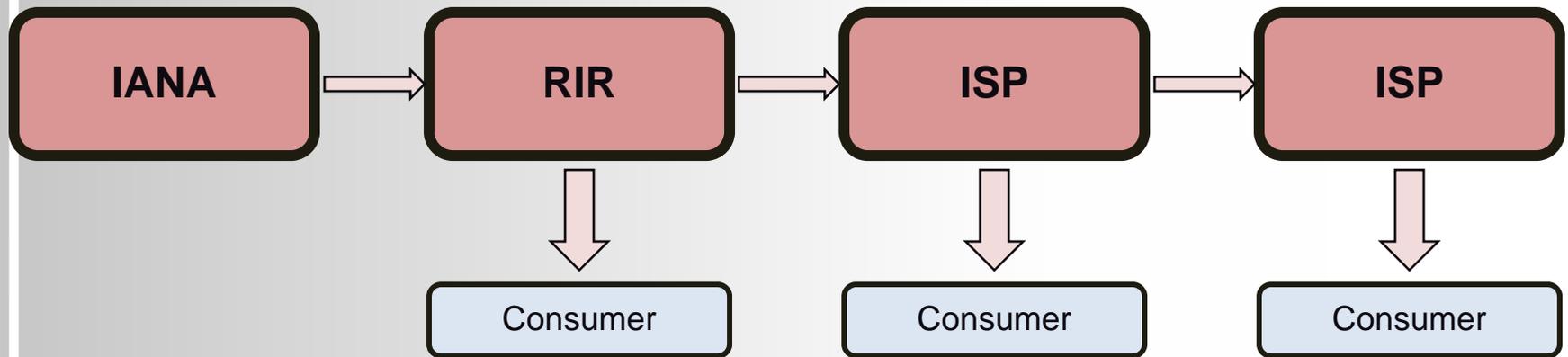
Coordination &
management of Internet
number resources

Internet number resource
transfers

Registration Services

- Directory Services
- Registration transaction information (WHOIS)
- Record maintenance
- Routing information (Internet Routing Registry)

Resource Distribution Channels



Organization Services

Public Policy & Members Meetings



Executive Board and
Advisory Council
Elections

Organization Services

Information publication
and dissemination



Education
& Training

Policy Development Services

- Manage the Internet Resource Policy Evaluation Process
- Maintain e-mail discussion lists
- Publish policy documents

Policy Development Process

BOTTOM-UP

Community Proposes, Discusses, and Approves Policy

Open Participation

- Inclusive
- Accessible

OPEN

TRANSPARENT

Documented, Published & Accessible PDP, Policies, and Procedures

RIR Services

Number Resources	Organization	Policy Development Process
<ul style="list-style-type: none">• IP Address and ASN Allocations & Assignments• Directory Services<ul style="list-style-type: none">– WHOIS– IRR• DNS (reverse)	<ul style="list-style-type: none">• Elections• Meetings• Information Dissemination<ul style="list-style-type: none">– Websites– Newsletters– Round Tables• Training	<ul style="list-style-type: none">• Maintain e-mail discussion lists• Conduct public policy meetings• Publish policy documents

Number Resource Organization



The NRO exists to protect the unallocated number resource pool, to promote and protect the bottom-up policy development process, and to act as a focal point for Internet community input into the RIR system.

Thank You!

For more information, see:

<http://www.arin.net>



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