

About the WHOIS Database

Lacnic on the Move – Curazao

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lacnic
www.lacnic.net

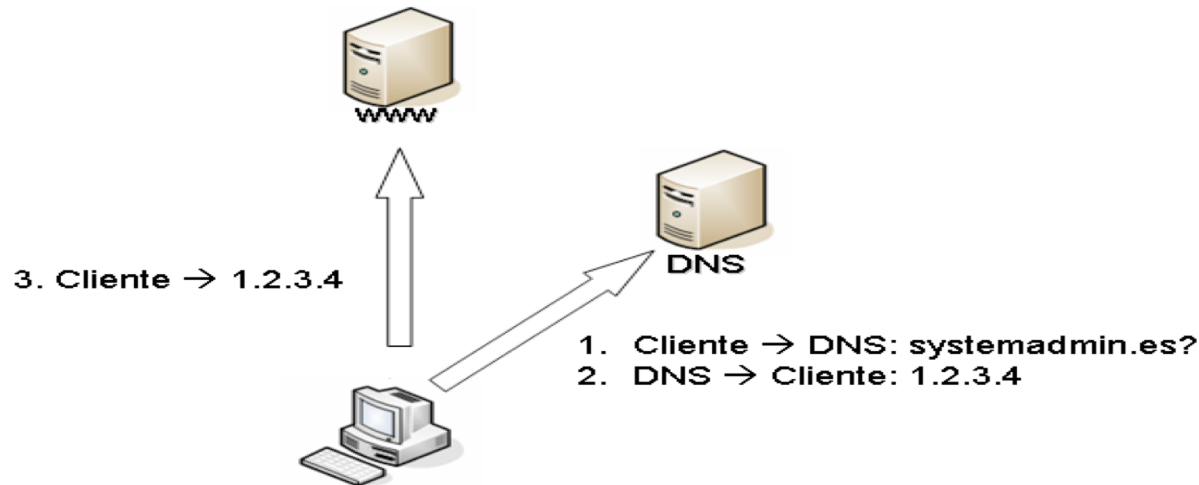
Internet, how does it works?



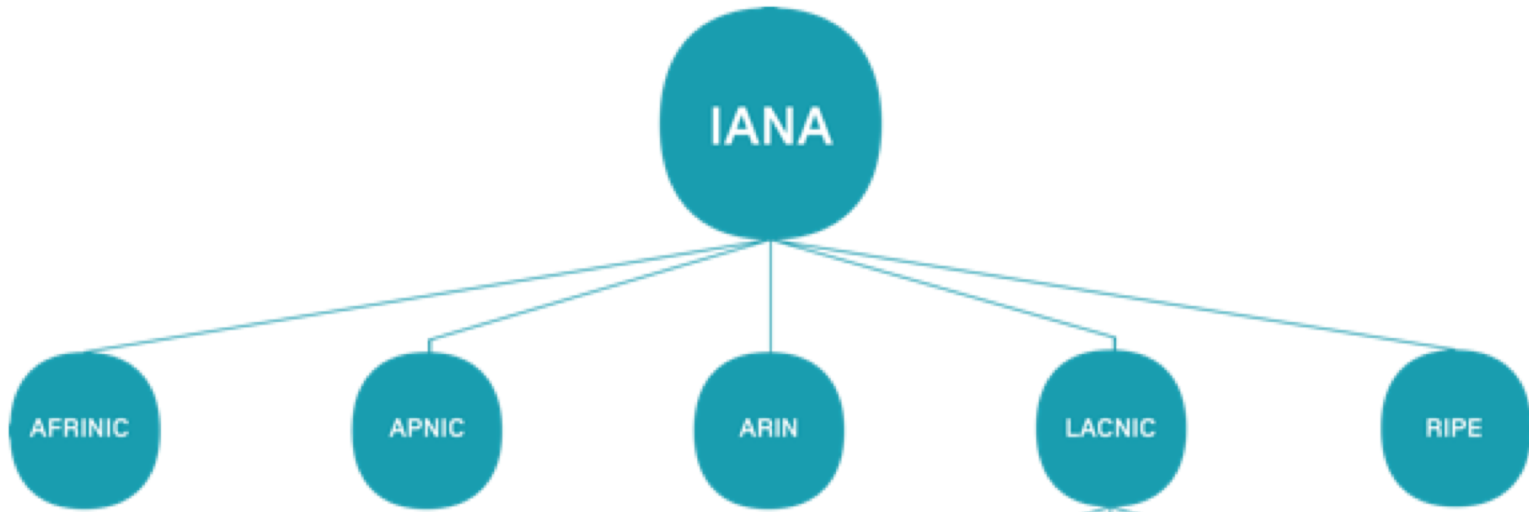
- It is a big network connecting million of devices, moving information from one point to other point.

What is an IP address?

- They are numbers with a certain format and are necessary to identify sources and destination in the information flow.
- It is not repeated around the world.
- IP = Internet Protocol



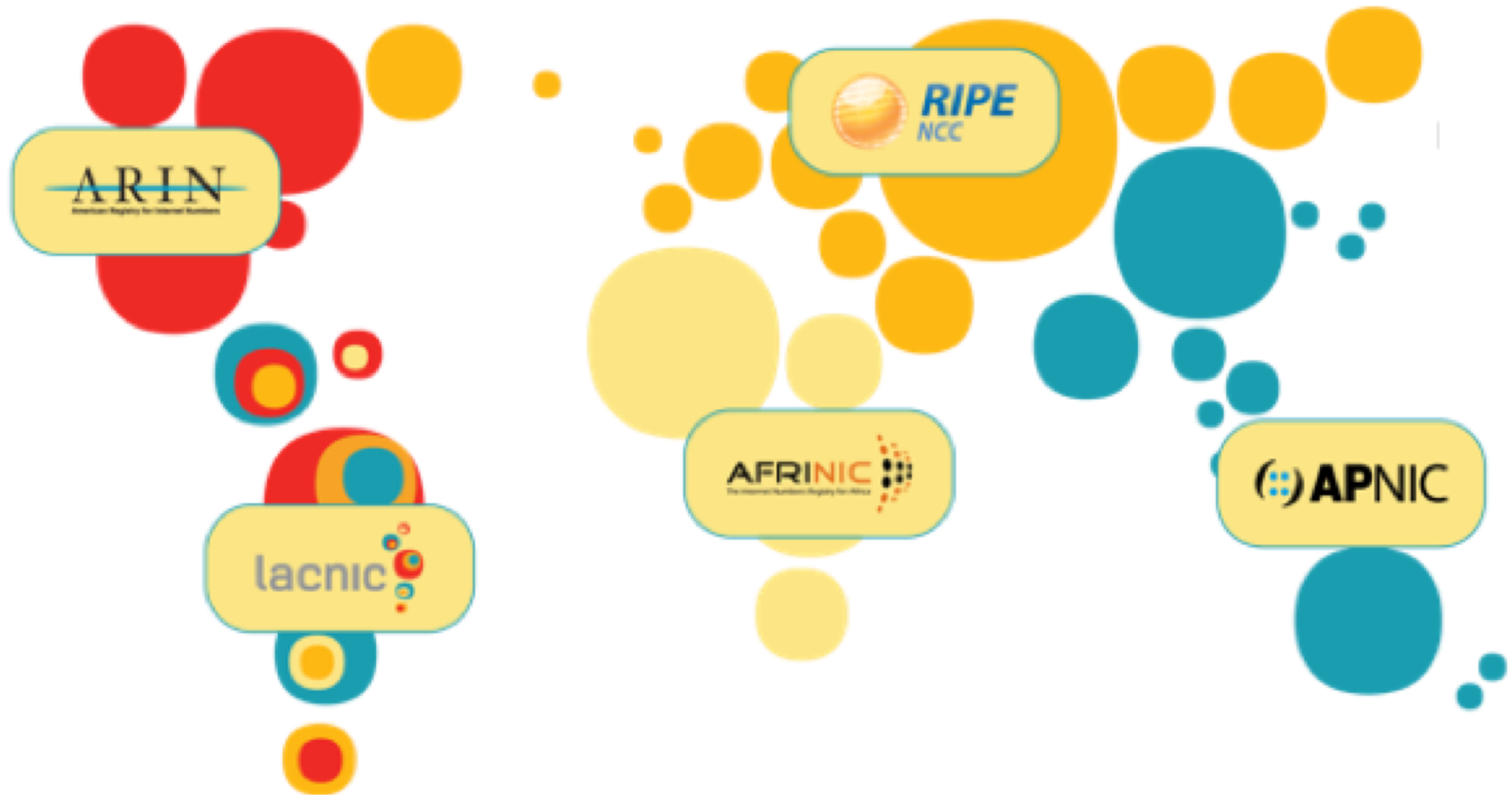
Where do they come from?



IANA (Internet Assigned Numbers Authority): is an Internet global registry
RIR (Regional Internet Registry): are responsible for the distribution of Internet numbers in their regions.



Regional Internet Registry



What is LACNIC?

- One of the five RIR responsible for the administration of Internet Number Resources (IPv4/IPv6/ASN) in the LAC region.
- International organization based in Uruguay.
- Currently more than 9000+ members.
- Covering 33 countries

Which number resources?

LACNIC administrate 3 kind of resources:

- IPv4
 - 10 /8 (177, 179, 181, 186, 187, 189, 190, 191, 200, 201)
- IPv6
 - 2001:1200::/23 and 2800:0000::/12
- Autonomous System Numbers (AS)

Understanding the whois

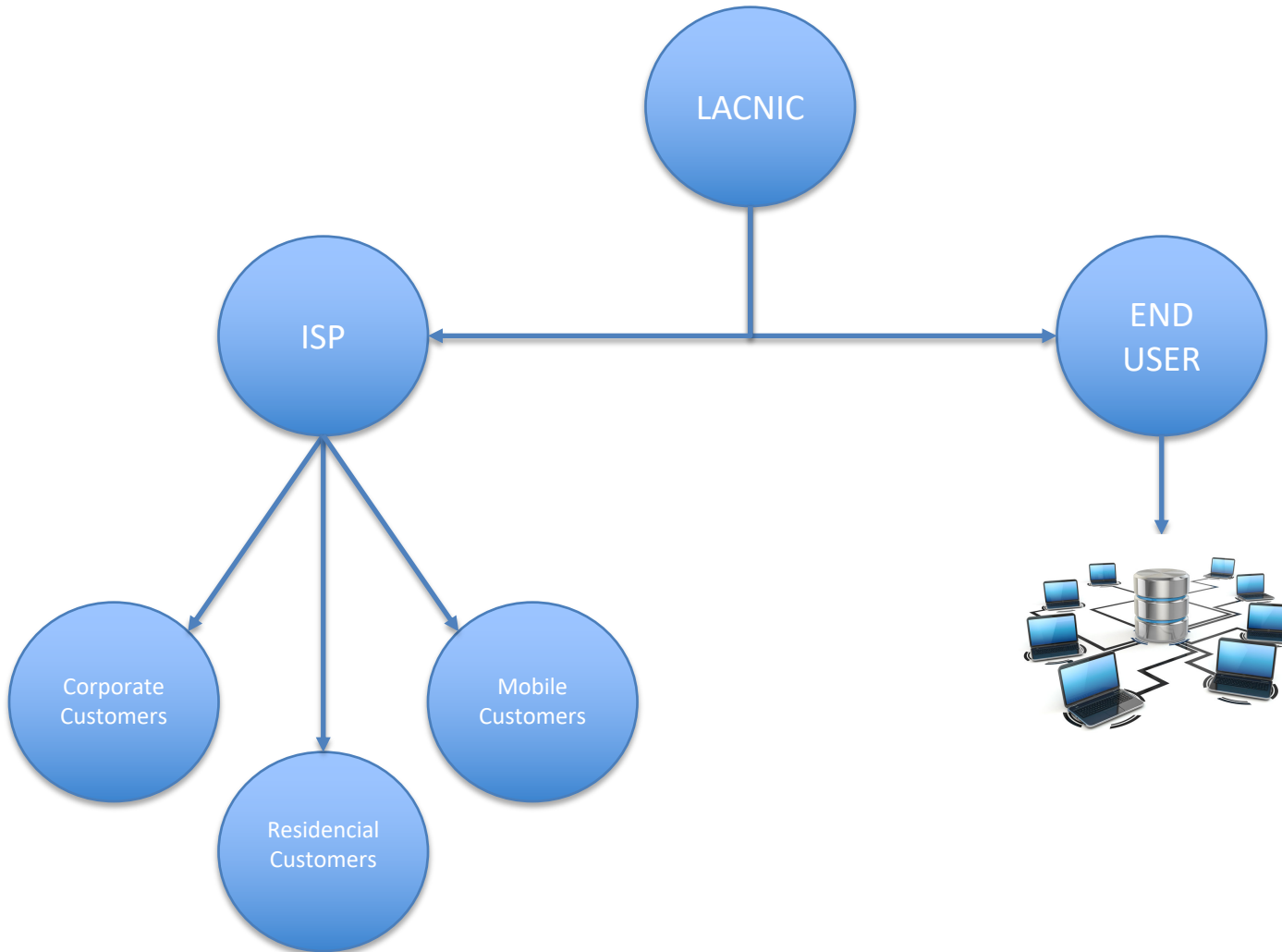
- Whois is a service offered by LACNIC which provide information about an Internet number resources (IPv4/IPv6/ASN).

- How to get information?

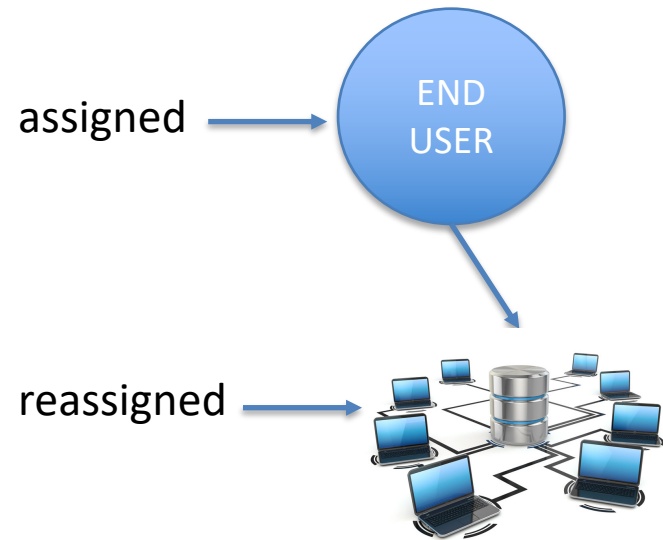
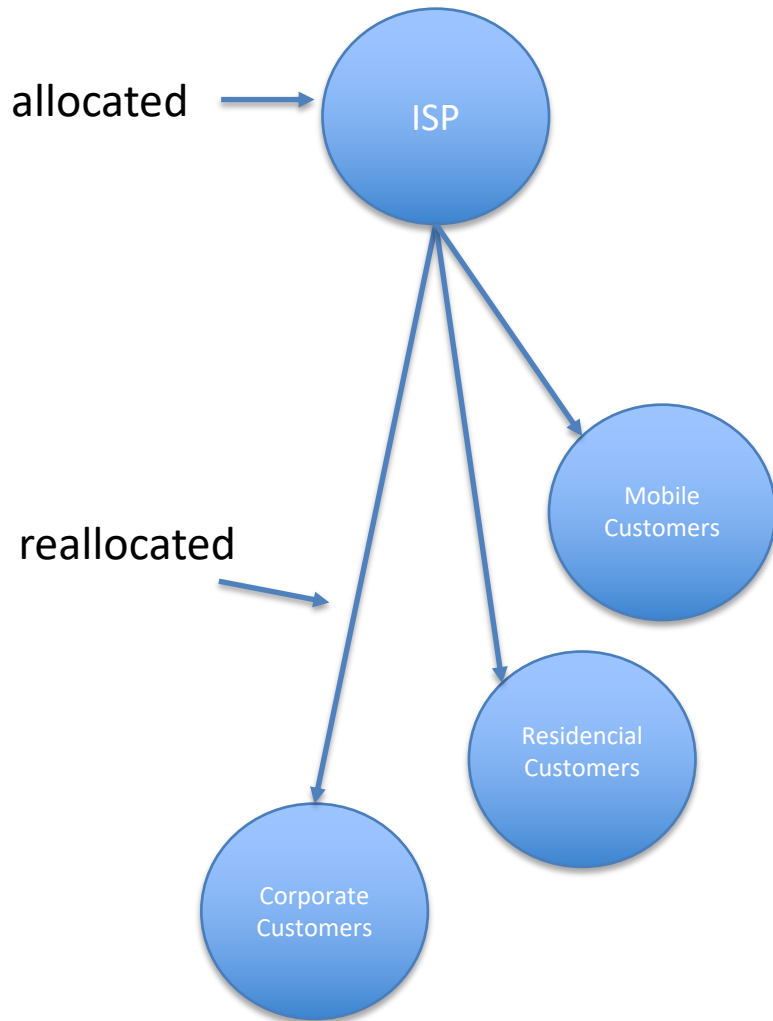
Web: <http://whois.lacnic.net>

Command line: `whois -h whois.lacnic.net [resource]`

IP distribution



Allocated - Assigned



<http://whois.lacnic.net>



Registration Services - Whois



Whois

SEARCH

How to consult:

IDs: Type the user's ID. IDs are made of three letter followed or not by some numbers.

Organizations: Type the OrgID of the organization. OrgIDs has its formats as country initials-Organization ID-LACNIC.

ASN: Type the Autonomous System number: 1251 or AS1251.

IP or CIDR block: type an IP number (200.200.200.200) or a CIDR block (200.200/16).

IP: 216.152.160.10

inetnum:	216.152.160/20	nic-hdl:	EDR2
status:	<u>allocated</u>	person:	Edson Rosaria
aut-num:	N/A	e-mail:	coredata@UTS.CW
owner:	United Telecommunication Services (UTS)	address:	Berg Arrarat 1, 5999, 97770101
ownerid:	CW-UTSU-LACNIC	address:	00000 - willemstad -
responsible:	Edson Rosaria	country:	CW
address:	Rigelweg, 2, -	phone:	+599 997770101 [1867]
address:	00000 - Willemstad - -	created:	20030514
country:	CW	changed:	20181029
phone:	+599 9 7770101 [1867]		
owner-c:	EDR2		
tech-c:	EDR2		
abuse-c:	EDR2		
inetrev:	216.152.160/22		
nserver:	NS1.ONENET.CW		
nsstat:	20190627 AA		
nslastaa:	20190627		
nserver:	NS2.ONENET.CW		
nsstat:	20190627 AA		
nslastaa:	20190627		
created:	20000720		
changed:	20121211		

IP: 190.88.33.0

```
inetnum:      190.88.33/24
status:       reallocated
owner:        NetPro N.V.
ownerid:      AN-NENV-LACNIC
responsible:  George Goede
address:      Schottegatweg Oost, 13D,
address:      NONE - Willemstad -
country:      CW
phone:        +599 9 7366955 []
owner-c:      GEG3
tech-c:       GEG3
abuse-c:      GEG3
inetrev:      190.88.33/24
nserver:      NS01.WXSCUR.NET [lame - not published]
nsstat:       20190627 TIMEOUT
nslastaa:     20181117
created:      20110914
changed:      20110914
inetnum-up:   190.88.0/18
```

```
nic-hdl:      GEG3
person:       George Goede
e-mail:       george@NETPROGROUP.COM
address:      Schottegatweg Oost, 13D,
address:      0000 - Willemstad -
country:      CW
phone:        +599 9 7366955 []
created:      20040414
changed:      20150203
```

IP: 201.131.43.10

inetnum: [201.131.43/24](#)
status: assigned
aut-num: [N/A](#)
owner: University of Curaçao Dr. Moises da Costa Gomez
ownerid: [CW-CRCU-LACNIC](#)
responsible: Leendert J.J. Pengel
address: Jan Noorduynweg, 111,
address: - Willemstad -
country: CW
phone: +599 9 8442248 []
owner-c: LEP9
tech-c: LEP9
abuse-c: LEP9
created: 20141114
changed: 20141114

nic-hdl: LEP9
person: Leendert Pengel
e-mail: registry@UNA.NET
address: Jan Noorduynweg 111, 111,
address: - Willemstad -
country: CW
phone: +599 9 8442248 []
created: 20121029
changed: 20190627

Status in the whois

- **allocated**
direct allocation from LACNIC to ISP.
- **reallocated**
allocations made by ISPs to their customers.
- **assigned**
direct allocation from LACNIC to End Users (Universities, Banks, IXPs, Government)
- **reassigned**
allocations made by End Users to their own network/infrastructure

Joint whois

- Joint whois allow to query IP from other regions (Rusia, China, Holanda, Kenia, Australia, etc)
- Joint Whois forward the query to the corresponding RIR

IP: 193.0.6.139

```
% Joint Whois - whois.lacnic.net
% This server accepts single ASN, IPv4 or IPv6 queries

% RIPENCC resource: whois.ripe.net

% This is the RIPE Database query service.
% The objects are in RPSL format.
%
% The RIPE Database is subject to Terms and Conditions.
% See http://www.ripe.net/db/support/db-terms-conditions.pdf

% Note: this output has been filtered.
% To receive output for a database update, use the "-B" flag.

% Information related to '193.0.0.0 - 193.0.7.255'

% Abuse contact for '193.0.0.0 - 193.0.7.255' is 'abuse@ripe.net'

inetnum:      193.0.0.0 - 193.0.7.255
netname:      RIPE-NCC
descr:        RIPE Network Coordination Centre
org:          ORG-RIEN1-RIPE
descr:        Amsterdam, Netherlands
remarks:      Used for RIPE NCC infrastructure.
country:      NL
admin-c:      JDR-RIPE
admin-c:      BRD-RIPE
tech-c:       OPS4-RIPE
status:       ASSIGNED PA
mnt-by:       RIPE-NCC-MNT
created:      2003-03-17T12:15:57Z
last-modified: 2017-06-07T07:36:23Z
source:       RIPE
```

```
role:         RIPE NCC Operations
address:      Stationsplein 11
address:      1012 AB Amsterdam
address:      The Netherlands
phone:        +31 20 535 4444
fax-no:       +31 20 535 4445
abuse-mailbox: abuse@ripe.net
admin-c:      JDR-RIPE
admin-c:      BRD-RIPE
tech-c:       GL7321-RIPE
tech-c:       MENN1-RIPE
tech-c:       RCO-RIPE
tech-c:       CNAG-RIPE
tech-c:       SO2011-RIPE
tech-c:       DCW-RIPE
tech-c:       TOL666-RIPE
tech-c:       ADM6699-RIPE
tech-c:       MG18669-RIPE
tech-c:       RDM397-RIPE
nic-hdl:      OPS4-RIPE
mnt-by:       RIPE-NCC-MNT
created:      2002-09-16T10:35:19Z
last-modified: 2017-08-15T12:24:10Z
source:       RIPE # Filtered
```

RIR's whois

AFRINIC: <http://whois.afrinic.net>

APNIC: <http://whois.apnic.net>

ARIN: <http://whois.arin.net>

LACNIC: <http://whois.lacnic.net>

RIPE NCC: <http://whois.ripe.net>

By command line

`whois -h whois.RIR.net [resources]`

QUESTIONS?

