

How to request IPv4 resources?

Lacnic on the Move

July - 2019

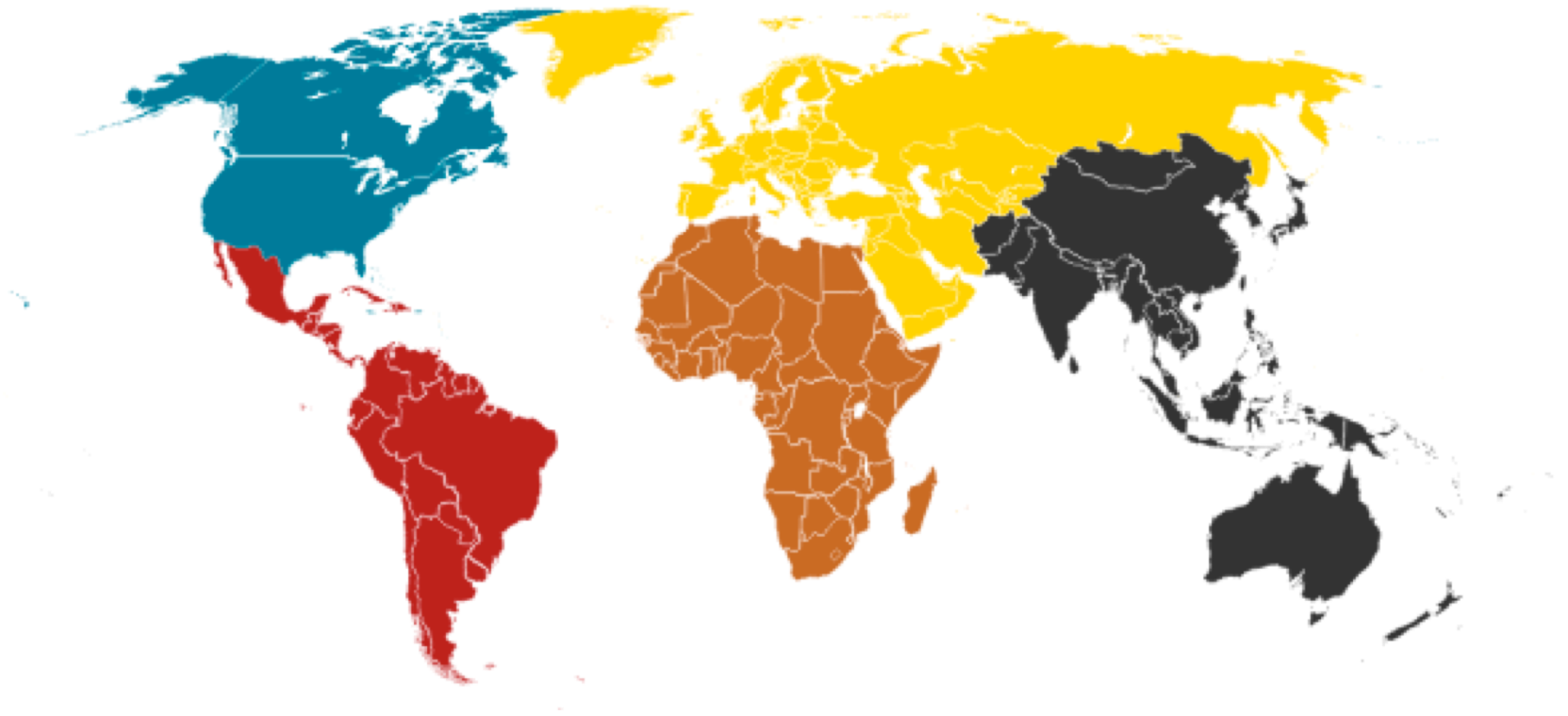
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TOPICS

- What is LACNIC?
- How the IP are distributed arround the globe?
- How to request an IPv4 range to LACNIC?
- What about the fee?
- What bout the benefits?
- IPv4 transfer

What is LACNIC?



RIR – Regional Internet Registry

The RIR are the responsible to administrate and distribute Internet Number Resources around the world that are divided in 5 regions:

- APNIC: for Asia Pacific region
- ARIN: for North America region
- AFRINIC: for Africa region
- RIPE NCC: for Europe region
- LACNIC: for LAC region

About us

- LACNIC is one of the 5 RIRs started in 2.002.
- Base in Uruguay.
- Non-profit organization base on membership
- More than 9k members.

How to request an IPv4 range to LACNIC?

- There are two type of organization who can request an IPv4 range:
 - **ISPs**: offering residencial/corporate Internet access, webhosting, vps, co-location services. Organization that will use resources to allocate to third.
 - **End Users**: organization that will use resources to their own infrastructure not allocating to third.

which are the requirements?

- Be legally established within the LAC region and use resources in LAC. Look LACNIC's coverage area [here](#).
- Prove utilization or immediate necessity of at least 25% of the requested prefix.
- Submit a detailed one-year utilization plan for at least 50% of the requested prefix.
- Be agree to return all IPv4 ranges to the original upstream provider in a period of 12 months.
- Request as well an IPv6 range.

How much IP can IPv4 can I request?

Phase 3 of the exhaustion period

For End-Users and ISPs the maximum allocation is a /22 and the minimum allocation is a /24.

Only for new entrance.

More information about exhaustion period:

<https://www.lacnic.net/1039/2/lacnic>

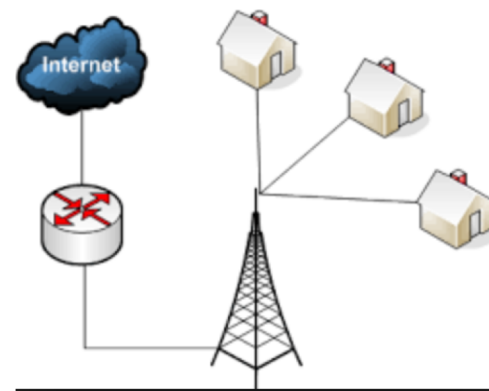
which are the requirements?

1- Prove utilization or immediate necessity of at least 25% of the requested prefix.

Small ISP requesting a /24
Demonstrate 25%= 64IPs

You can demonstrate

- Using NAT with a small prefix.
- Get an official permission to develop a network in rural area or residential area.



How to request an IPv4 range?

- Visit <http://request.lacnic.net> and log into the request system.

español english Português

Welcome to Resources Request System

In our constant search to improve the service offered and satisfy the needs of our members, we have implemented this system to send requests, returns and transfers forms of IPv4, IPv6 and ASN via web.

If you are requesting resources to Lacnic for the first time and you do not have already a user-ID of the resources administrative system of Lacnic please go to milacnic.lacnic.net/lacnic/user/new to create a user-ID.

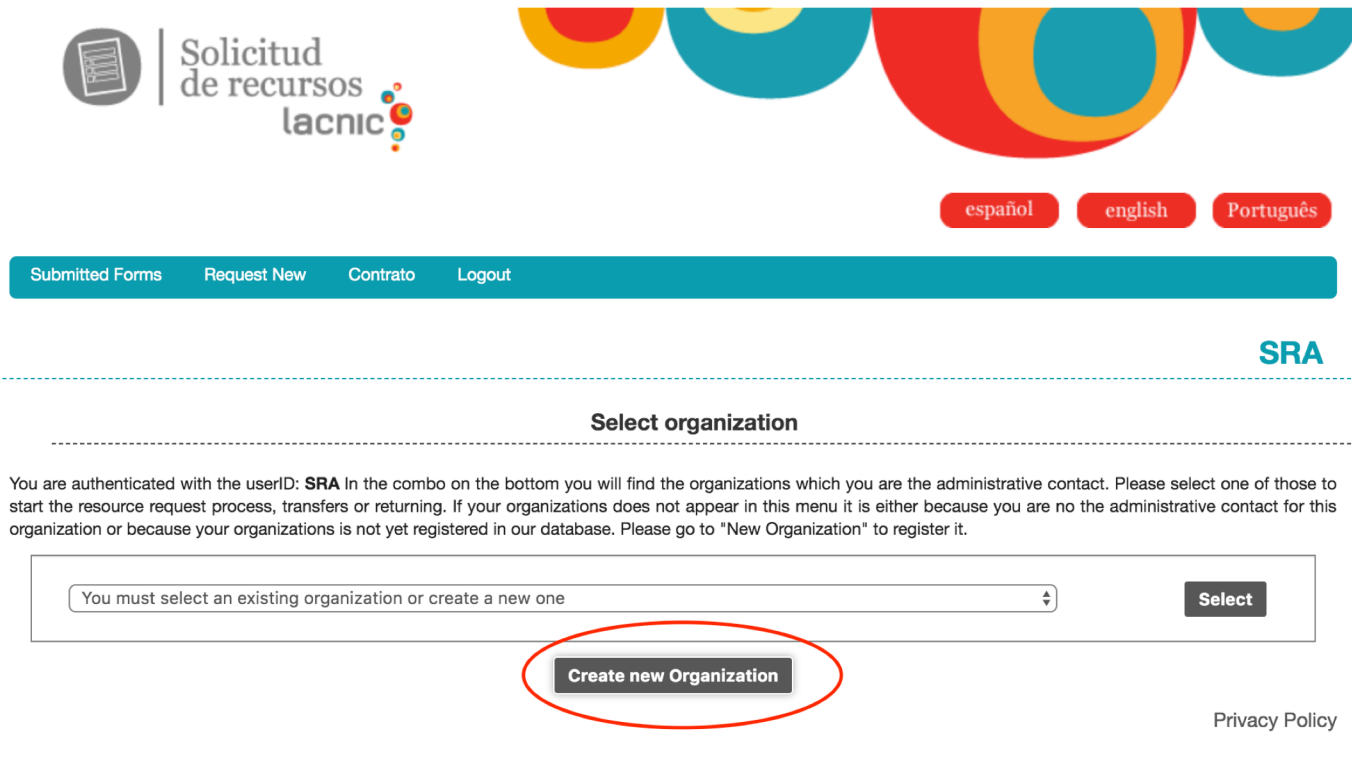
Login	
Username	<input type="text"/>
Password	<input type="password"/>
<input type="button" value="Entrar"/>	

[Privacy Policy](#)

- If you don't have a userID get one [here](#) and then come back into the request system

How to request an IPv4 range?

Once logged, click on Create new Organization



The screenshot shows the lacnic website interface. At the top left is the logo for 'Solicitud de recursos lacnic'. To the right of the logo are three language selection buttons: 'español', 'english', and 'Português'. Below these is a teal navigation bar with links for 'Submitted Forms', 'Request New', 'Contrato', and 'Logout'. On the right side of the page, there is a 'SRA' label. The main content area is titled 'Select organization' and contains a paragraph of instructions: 'You are authenticated with the userID: SRA In the combo on the bottom you will find the organizations which you are the administrative contact. Please select one of those to start the resource request process, transfers or returning. If your organizations does not appear in this menu it is either because you are no the administrative contact for this organization or because your organizations is not yet registered in our database. Please go to "New Organization" to register it.' Below this text is a form with a dropdown menu containing the text 'You must select an existing organization or create a new one' and a 'Select' button. A red circle highlights a 'Create new Organization' button located below the dropdown menu. In the bottom right corner of the form area, there is a 'Privacy Policy' link.

And complete the form with your organization data

Organization name

By completing this form you will be able to register your organization in our database.

Country *	<input type="text" value="Country is required"/>
Organization name *	<input type="text"/>
Organization Type *	<input type="text" value="Type is required"/>
Country phone code *	<input type="text"/>
Area Code	<input type="text"/>
Phone *	<input type="text"/>
Ext	<input type="text"/>
Address *	<input type="text"/>
Apartment number*	<input type="text"/>
Complement	<input type="text"/>
City *	<input type="text"/>
State or province	<input type="text"/>
Web page	<input type="text"/>
ZIP code	<input type="text"/>

Select “Request IPv4 blocks for End User or ISP”

de recursos
lacnic

español english Português

Submitted Forms Request New Contrato Logout

SRA

Select request type

(UY-OPPL2-LACNIC - OWNER PARA PRUEBAS LACNIC)

- Request type is required
- Requesting ASN (Autonomous System Number)
- Requesting IPv4 blocks for providers (ISP)
- Requesting IPv4 End User blocks
- Requesting IPv6 blocks for providers (ISP)
- Requesting IPv6 End User blocks
- Return Resources (ASN, IPv4 and IPv6)
- Resources Transfer
- Requesting Bulk Whois

Next

Privacy Policy

Requesting IPv4 blocks to providers (ISP)

The points of contact for your organization, are identified by userIDs. To enter queries in whols.lacnic.net. To register a new userID to be used as a point of contact to enter your Organization lacnic.net/newuid and complete the form.

UY-OPPL2-LACNIC - OWNER PARA PRUEBAS LACNIC

ID. Administrative contact (UserID) * Sergio Rojas. . . : sergio.astigarraga@GMAIL.COM

ID. Billing Contact (UserID) * Sergio Rojas. . . : sergio.astigarraga@GMAIL.COM

ID. Membership contact (UserID) * Sergio Rojas. . . : sergio.astigarraga@GMAIL.COM

Desired Prefix *

Internet services provider * ?

Please select at least one provider. If the provider you wish to select is not in the list, add a new provider by clicking the 'New provider' button.

Provider's Name	Provider's ASN	Connection state	Provider's Email	Phone
				Country code Area code Provider's Phone
<input type="button" value="New provider"/>				

IP addresses allocated/assigned * ?

Amount of clients by type of service ?

Dial-up	Cable	Web Hosting	Dedicated connection	xDSL	Co-location	Wireless	Otros
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
							Number of clients <input type="text"/>
							Service type <input type="text"/>

Projection of clientes by type of service (next 12 months)

Dial-up	Cable	Web Hosting	Dedicated connection	xDSL	Co-location	Wireless	Otros
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

Additional information ?

- Complete requested information
- Each field has a help button
- In case of doubts contact hostmaster@lacnic.net. A screenshot in your e-mail will be helpful

what's the next step



After approval

- Sign the service agreement and send it to Montevideo.
- Must send any document demonstrating the legal representation of the signer.
- Pay the initial fee through online payment, Visa, Mastercard, PayPal or wire transfer.



What about the fee?

For ISPs

Nano :

- from 1 to 3 /24
- 600 U\$D initial and annual

Micro:

- 1 /22
- 1,000U\$D initial and annual

Additional cost if ASN needed:

500U\$D for ISP in Nano/Micro category

1.000U\$D for End User

- Only once

For End Users

Initial cost: 2,500U\$D

Annual cost: 600U\$D

50% discount for non-profit organizations

What about the benefits?

- Portable Address.
- Manage your own route.

Membership Benefits

- Free registration to online training courses.
- Free, preferential seats for in-person training activities.
- Two representatives of each member organization may attend to our annual meetings.
- Sponsorship program to attend annual events, with a quota reserved for members.
- and more.. visit <https://www.lacnic.net/2629/2/lacnic/member-rights-and-benefits>

IPv4 transfer

IPv4 in Phase 3 is available only for new entrance. More information [here](#)

However, organization that already received IPv4 from LACNIC can get more IP through IPv4 transfer.

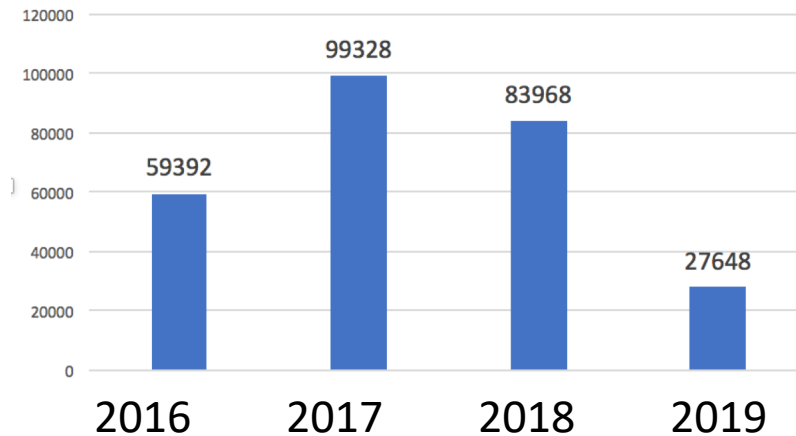
Two policies supporting IPv4 transfer

- Intra-RIR transfer (implemented in 2016)
- Inter-RIR transfer (will be implemented next year)

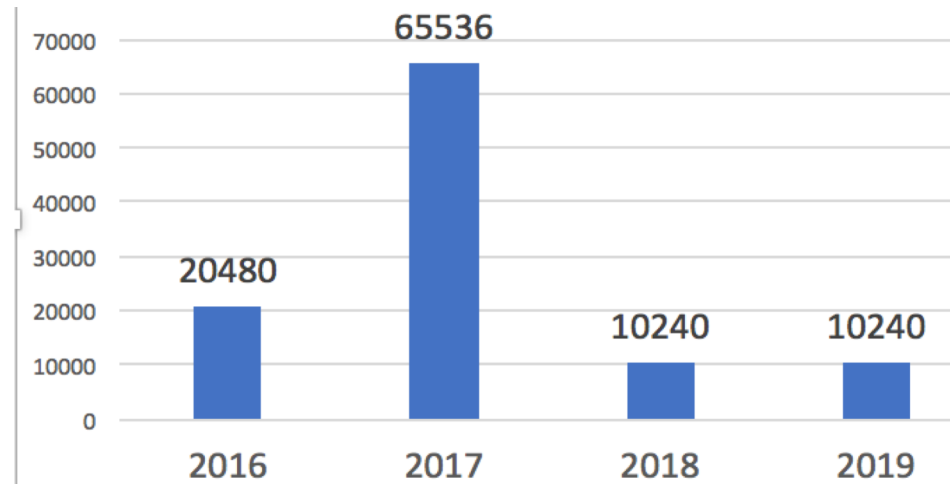
More information about IPv4 transfer [here](#)

Intra-RR transfer statistics

Amount of transferred IPv4



Amount of IPv4 transferred into the Caribbean region



How to contact us?

- By email: hostmaster@lacnic.net.
- By phone: +598 2604 2222.
- Visiting our office

Montevideo, Uruguay

[Location](#) 

QUESTIONS?

