

RAGIE y herramientas de BGP

1. [Dirección General de Educación Física \(DIGEF\)](#)
2. [Universidad de San Carlos de Guatemala](#)
3. [Universidad del Valle de Guatemala](#)
4. [Universidad Galileo](#)
5. [Universidad Mariano Gálvez de Guatemala](#)
6. [Universidad Mesoamericana](#)
7. [Universidad Panamericana](#)
8. TELGUA

Empezamos con una IP publica.....

What Is My IP Address? Lookup IP, Hide IP, Change IP, Trace IP and more... - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://whatismyipaddress.com/

AVG Search

Navega.com SA: ... What Is My IP A... AS2828 XO Com... Registration Servi... BGP IPv4/IPv6 Lo... Looking Glass RTN - Speed Dial Looking Glass - H... Afiliación

 WhatIsMyIPAddress.com

My IP IP Lookup Blacklist Check Trace Email Speed Test Hide IP Change IP IP Tools FAQs Forums Search

What Is My IP Address? (Now detects many [proxy servers](#)) Like 7K +1 613



IP Information: 168.234.71.3

ISP: Universidad del Valle de Guatemala
Organization: Universidad del Valle de Guatemala
Connection: [Dial-up](#)
Services: [None Detected](#)
City: Guatemala City
Region: Guatemala
Country: Guatemala

168.234.71.3 [Additional IP Details](#)

[Location not accurate?](#) Try: [Update IP Location](#)

What is an IP address?

Every device connected to the public Internet is assigned a unique number known as an Internet Protocol (IP) address. IP addresses consist of four numbers separated by periods (also called a 'dotted-quad') and look something like 127.0.0.1.

Since these numbers are usually assigned to internet service providers within region-based blocks, an IP address can often be used to identify the region or country from which a computer is connecting to the Internet. An IP address can sometimes be used to show the user's general location.

Find: colu [Next](#) [Previous](#) [Highlight all](#) [Match case](#) [Reached end of page, continued from top](#)

Done S3 Fox 11:05 AM 8/31/2011

Y con el numero de Sistema Autonomo de RAGIE

aut-num: [AS27929](#)

owner: Red Avanzada Guatemalteca para la Investigacion y Educacion

ownerid: [GT-RAGP-LACNIC](#)

responsible: Steve Ortiz

address: 11 Avenida, 32-35, zona 5 address: 01015 - Guatemala –

country: GT

inetnum: [168.234/16](#)

status: assigned owner: Universidad del Valle de Guatemala

ownerid: [GT-UVGU1-LACNIC](#)

responsible: Marvin Garcia

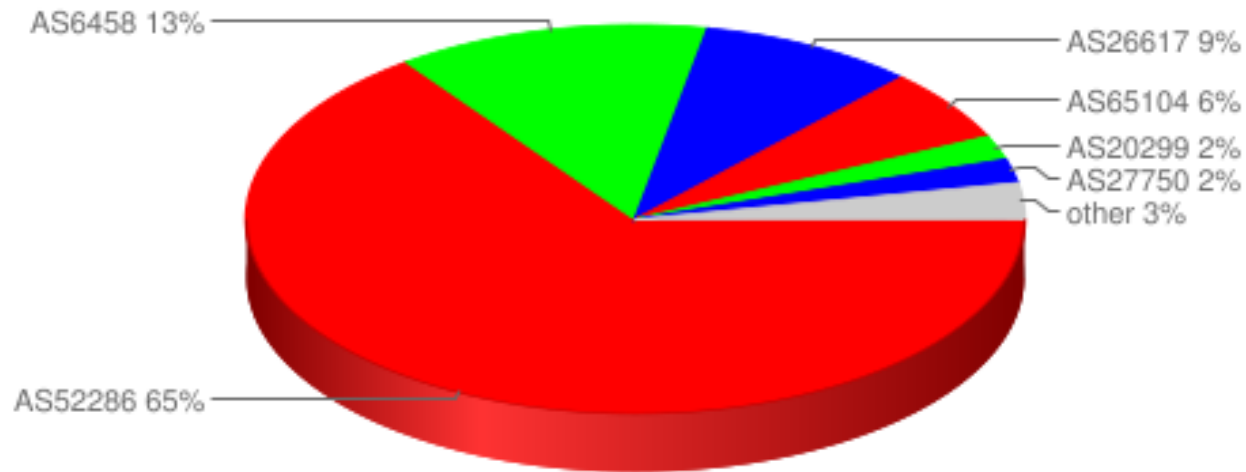
address: 18 Avenida, 11-95, zona 15 Vista Hermosa III

address: 01015 - Guatemala - GT

country: GT

Fuente: LACNIC WHOIS (<https://lacnic.net>)

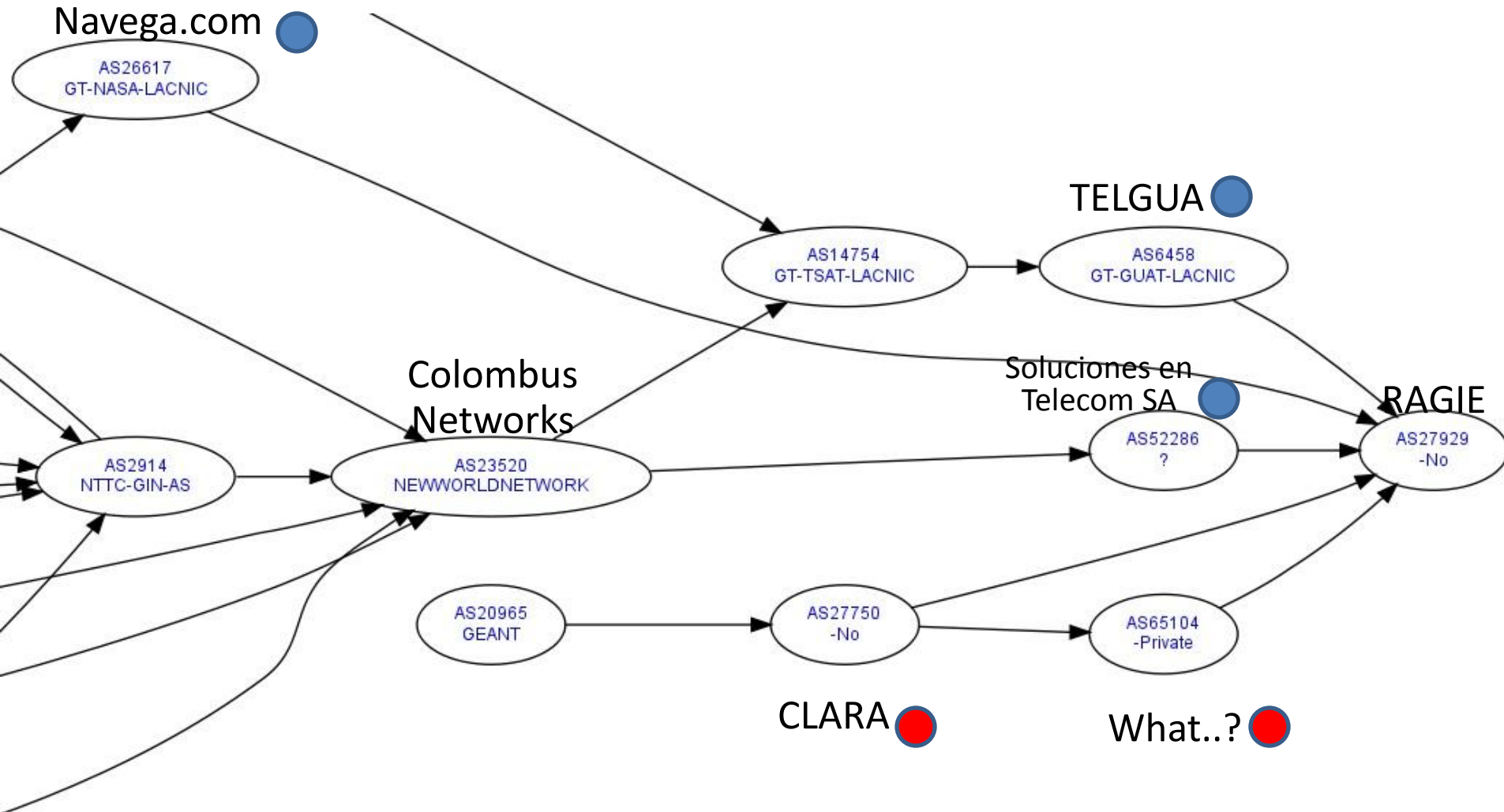
Robtex data on AS 27929



Red	ASN
Soluciones Telecomunicaciones SA	52286
TELGUA	6458
NAVEGA.COM SA	26617
Private (!!)	65104
Red CLARA	27750
Newcom	20299

Source: ROBTEX <http://www.robtex.com>

Topologia?



Fuente: ROBTEX (<http://www.robtex.com/as/as27929.html>)

Espacio 168.234.0.0/16 via Looking Glass

route-server> show ip bgp 168.234.0.0/16 longer-prefixes

BGP table version is 0, local router ID is 64.62.142.154

Status codes: s suppressed, d damped, h history, * valid, > best, i - internal,
r RIB-failure, S Stale, R Removed

Origin codes: i - IGP, e - EGP, ? - incomplete

Network	Next Hop	Metric	LocPrf	Weight	Path
* i168.234.17.0/24	213.248.70.37	60	47	0	1299 174 6487 6133 i
* i	213.248.104.213	60	70	0	1299 174 6487 6133 i
* i	213.248.70.37	60	47	0	1299 174 6487 6133 i
* i	213.248.67.105	48	70	0	1299 174 6487 6133 i
* i	213.248.104.213	48	70	0	1299 174 6487 6133 i
* i	213.248.101.145	48	70	0	1299 174 6487 6133 i

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Espacio 168.234.0.0/16 via Looking Glass

- 54 prefijos anunciados:

- 46 x /24
- 5 x /23
- 1 x /21
- 2 x /20

- Soluciones Telecomunicacion SA 39
- RAGIE 6
- MayaNET Red Nacional 4
- Telefonica Moviles, Denimatrix, 1 each
- Banco Industrial, Cablenet SA, Newcom Ltd 1 each

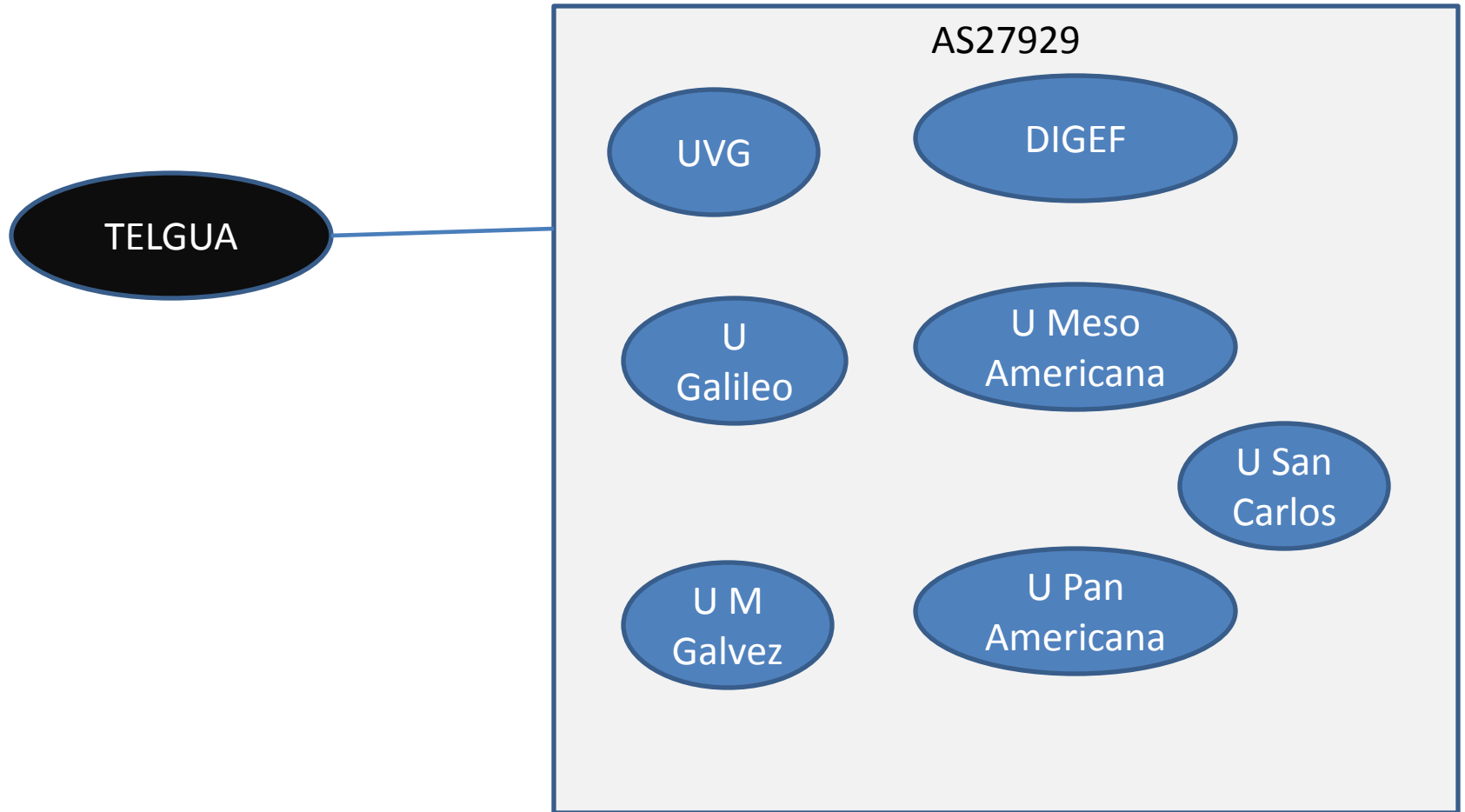
Fuente: Looking Glass

RAGIE via Looking Glass

```
route-server>show ip bgp regexp 27929$
```

* i168.234.68.0/24	198.32.124.179	20	100	0 23520 52286 27929 i
* i168.234.69.0/24	198.32.124.179	20	100	0 23520 52286 27929 i
* i168.234.70.0/24	198.32.124.179	20	100	0 23520 52286 27929 i
* i168.234.71.0/24	198.32.124.179	20	100	0 23520 52286 27929 i
* i168.234.74.0/24	198.32.124.179	20	100	0 23520 20299 27929 i
* i168.234.76.0/24	198.32.124.179	20	100	0 23520 14754 6458 27929 i

RAGIE - ASN 27929



Herramientas

LACNIC Whois:	http://lacnic.net
Looking Glass (several)	http://www.bgp4.as/looking-glasses http://lg.he.net telnet route-server.he.net
ROBTEX	http://www.robtex.com
NANOG traceroute	(con -A atenta determinar ASN)
Route Views Project U. Oregon	http://www.routeviews.org
\$traceroute-nanog -A	www.google.com