

## Actualización



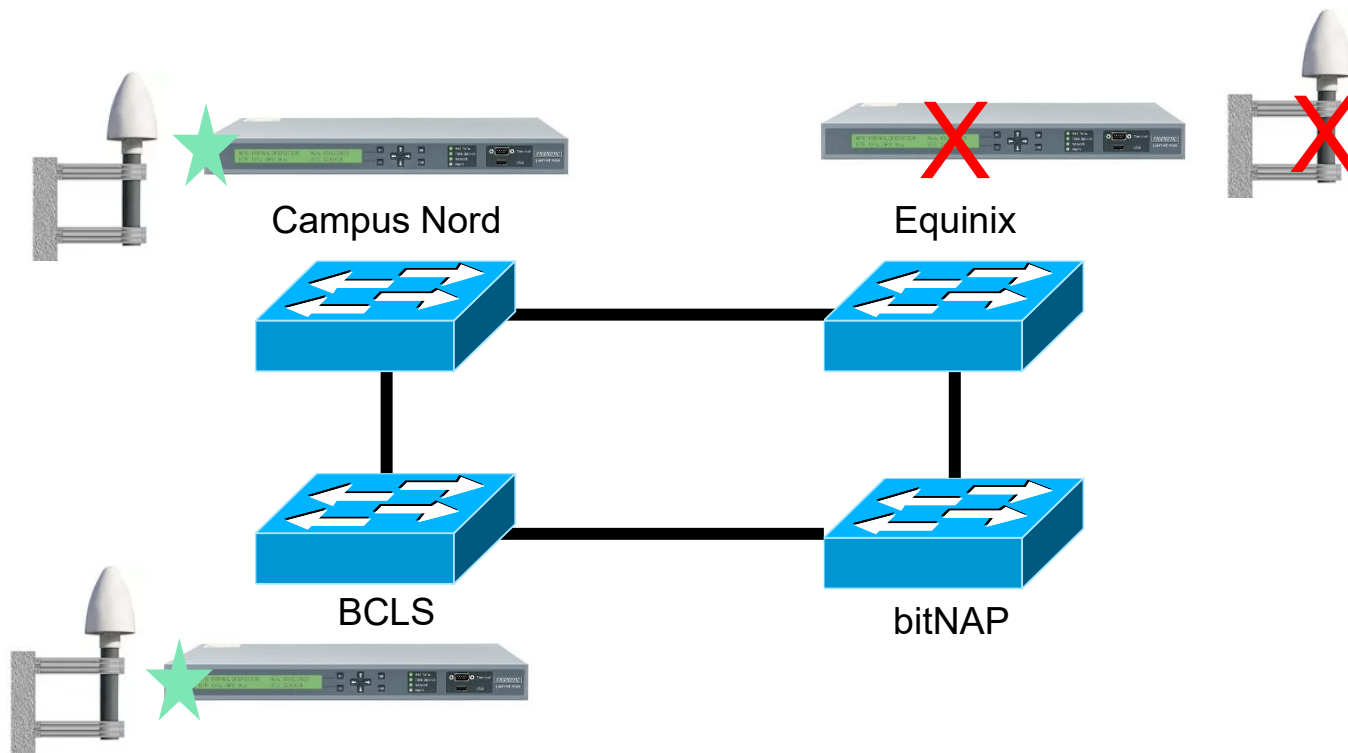
Catalonia Neutral  
Internet Exchange

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34º Foro ESN OG, Barcelona

30-10-2025



- ✓ Servidores Meinberg Lantime M320 en Campus Nord y BCLS.
- ✓ Ambos accesibles en CATNIX vía AS13041 (Anella Científica) y con el resto de internet por proveedores diferenciados.



- ✓ A raíz de la petición de tener estadísticas diferenciadas de intercambio con cada miembro.
- ✓ Ya teníamos una versión interna de IXPManger para construir la *peering matrix*.



- ✓ Hemos actualizado la versión y la hemos puesto en producción.
- ✓ “MiPortal” sigue existiendo.



Username

Password

☐ Remember me

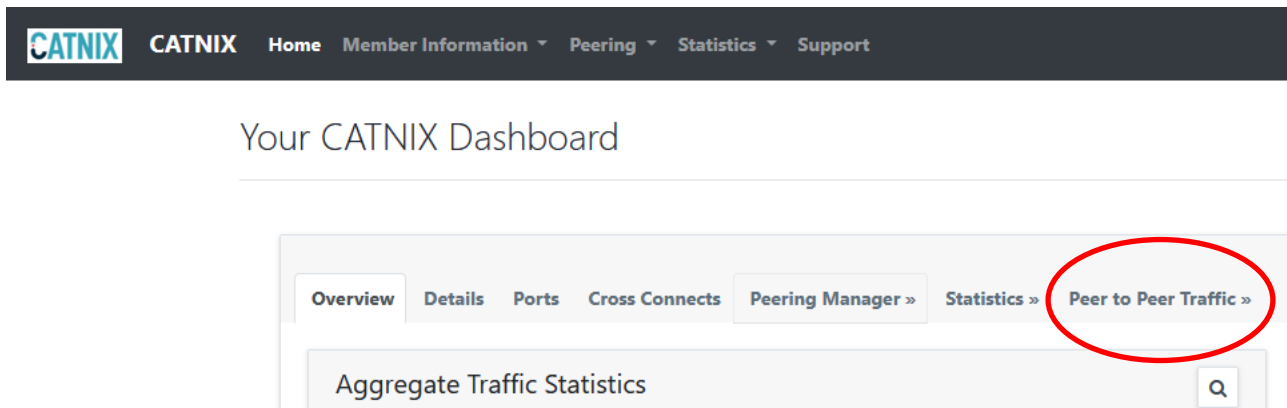
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*or login with*



# ¿Cómo llegar a las estadísticas por peer?



# ¿Cómo llegar a las estadísticas por peer?



CATNIX

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[Peering](#)

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Peer to Peer Graphs :: Anella [AS13041]

P2P Graphs

CATNIX LAN :: 193.242.98.38

IPv4

Show Graphs

Order by Name

Submit

Table

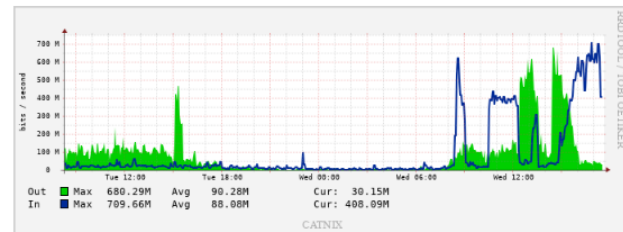
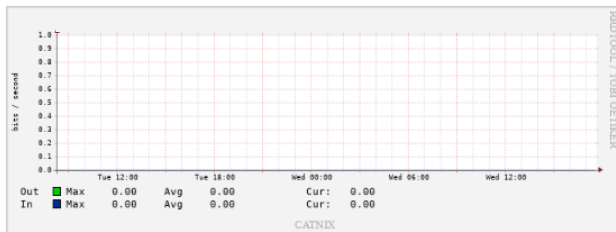
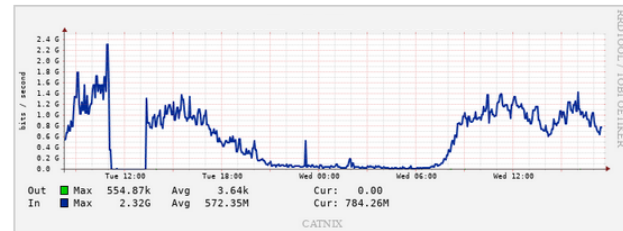
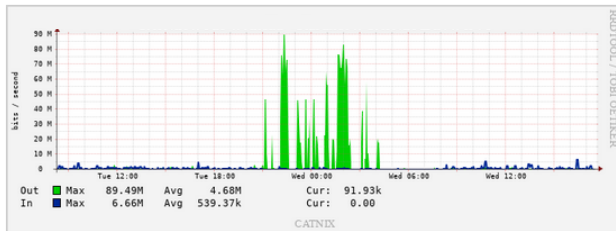
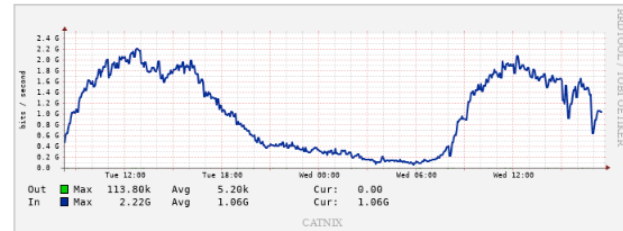
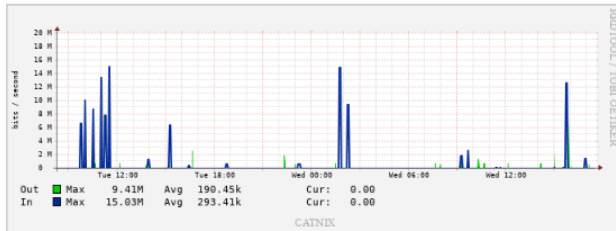


Is available, the volume of traffic shown below is yesterday's total across all possible peering sessions and protocols in both directions.

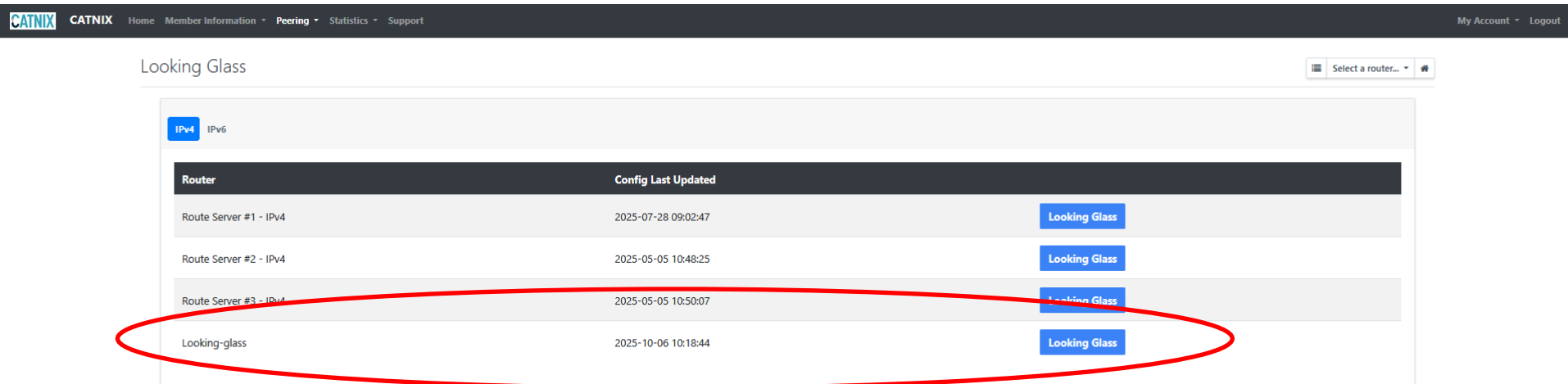
1. 10dencehispahard SL(CDMON) [AS197712]
2. Acens Technologies [AS16371]
3. ADAM [AS15699]
4. Adamo Telecom Iberia S.A [AS35699]
5. AFR-IX Telecom [AS60171]
6. Aire Networks del Mediterraneo [AS29119]
7. Akamai Technologies [AS20940]
8. Altecom [AS16030]
9. ANDORRA TELECOM [AS6752]
10. Anella [AS13041]
11. Avatel Telecom [AS200845]
12. bitNAP Datacenter [AS43578]
13. Byfitel [AS211441]
14. CATNIX [AS49638]
15. Claranet [AS8426]
16. Cloudflare [AS13335]
17. Colt [AS8220]
18. CTTI [AS39551]
19. E-PORTS [AS199496]
20. ECONOCOM CLOUD SL [AS24592]
21. Equinix AS15830 [AS15830]
22. ESTABANELL [AS200434]
23. everyWAN [AS33932]
24. Fundació Guifi.net [AS49835]

30. Hurricane Electric [AS6939]
31. Infinity Telecom [AS49121]
32. IMI [AS60314]
33. ISC F-ROOT BCN1 [AS33072]
34. ISC F-ROOT BCN1 [AS33072]
35. LYNTIA NETWORKS (Backbone) [AS12541]
36. M247 [AS9009]
37. Meta [AS32934]
38. Meta [AS32934]
39. Microsoft [AS8075]
40. Microsoft [AS8075]
41. NEAR IP [AS49600]
42. Netskope [AS55256]
43. NTT Global IP Network [AS2914]
44. Operadors Quilometre Zero [AS210321]
45. Orange Spain [AS12479]
46. PCH AS3856 [AS3856]
47. PCH AS42 [AS42]
48. RedIRIS/Red.es [AS766]
49. RIPE NCC RIS Project [AS12654]
50. Sarennet, S.A. [AS3262]
51. T-Systems ITC Iberia S.A. [AS30892]
52. Telefonica de España [AS3352]
53. Thales/Imnerva [AS19551]

# Estadísticas por peer



- ✓ Estuvimos valorando y probando varias opciones para el front-end.
- ✓ Lo hemos acabado integrando en IXPMManager.



The screenshot shows the CATNIX website's 'Looking Glass' section. The header includes the CATNIX logo and navigation links: Home, Member Information, Peering, Statistics, and Support. On the right, there are links for 'My Account' and 'Logout'. The main content area is titled 'Looking Glass' and features a 'Select a router...' dropdown menu. Below this, there is a table with two columns: 'Router' and 'Config Last Updated'. The table lists four routers, each with a 'Looking Glass' button. A red oval highlights the last row, which is 'Looking-glass' with a config update time of '2025-10-06 10:18:44'.

Router	Config Last Updated	Looking Glass
Route Server #1 - IPv4	2025-07-28 09:02:47	Looking Glass
Route Server #2 - IPv4	2025-05-05 10:48:25	Looking Glass
Route Server #3 - IPv4	2025-05-05 10:50:07	Looking Glass
Looking-glass	2025-10-06 10:18:44	Looking Glass



Looking Glass Looking-glass

Looking-glass 🔍 🏠

Bird v2 2.15.1 | API: 2.1.0 | Router ID: 193.242.98.124 | Uptime: 0 days. | Last Reconfigure: 2025-10-29 09:03:18 | JSON: [status] [bgp]

Search:

Neighbor	Description	ASN	Table	Pfxlimit	State/PfxRcd	PfxExp	Actions
193.242.98.19	CATNIX_REDIRIS	766	master4		147	0	<a href="#">Details</a>
2001:7f8:2a:0:1:1:0:766	CATNIX_REDIRIS_6	766	master6		17	0	<a href="#">Details</a>
193.242.98.138	CATNIX_SARENET	3262	master4		183	0	<a href="#">Details</a>
193.242.98.7	CATNIX_TELEFONICA	3352	master4		229	0	<a href="#">Details</a>
193.242.98.159	CATNIX_ANDORRA_TELECOM	6752	master4		0	0	<a href="#">Details</a>
2001:7f8:2a:0:2:1:0:6752	CATNIX_ANDORRA_TELECOM_6	6752	master6		idle		<a href="#">Details</a>
193.242.98.13	CATNIX_COLT	8220	master4		7498	0	<a href="#">Details</a>
193.242.98.131	CATNIX_CLARANET	8426	master4		122	0	<a href="#">Details</a>
193.242.98.38	CATNIX_ANELLA	13041	master4		9	0	<a href="#">Details</a>
2001:7f8:2a:0:1:1:1:3041	CATNIX_ANELLA_6	13041	master6		idle		<a href="#">Details</a>
193.242.98.137	CATNIX_ADAM	15699	master4		29	0	<a href="#">Details</a>
2001:7f8:2a:0:2:1:1:1:5699	CATNIX_ADAM_6	15699	master6		idle		<a href="#">Details</a>
193.242.98.4	CATNIX_FIBRACAT	16030	master4		0	0	<a href="#">Details</a>
2001:7f8:2a:0:1:1:1:1:6030	CATNIX_FIBRACAT_6	16030	master6		Active		<a href="#">Details</a>
193.242.98.9	CATNIX_ACENS	16371	master4		13	0	<a href="#">Details</a>
193.242.98.148	CATNIX_GRN	20815	master4		16	0	<a href="#">Details</a>
193.242.98.133	CATNIX_ECONOCOM	24592	master4		19	0	<a href="#">Details</a>
2001:7f8:2a:0:2:1:2:4592	CATNIX_ECONOCOM_6	24592	master6		Active		<a href="#">Details</a>
193.242.98.141	CATNIX_GAMMA	29680	master4		23	0	<a href="#">Details</a>
2001:7f8:2a:0:2:1:2:9680	CATNIX_GAMMA_6	29680	master6		Active		<a href="#">Details</a>
193.242.98.124	CATNIX_DEUTSCHETELEKOM	30993	master4		12	0	<a href="#">Details</a>

Looking Glass Looking-glass

Looking-glass 🔍 🏠

Bird v2 2.15.1 | API: 2.1.0 | Router ID: 193.242.98.124 | Uptime: 0 days. | Last Reconfigure: 2025-10-29 09:03:18 | JSON: [\[status\]](#) [\[bgp\]](#)

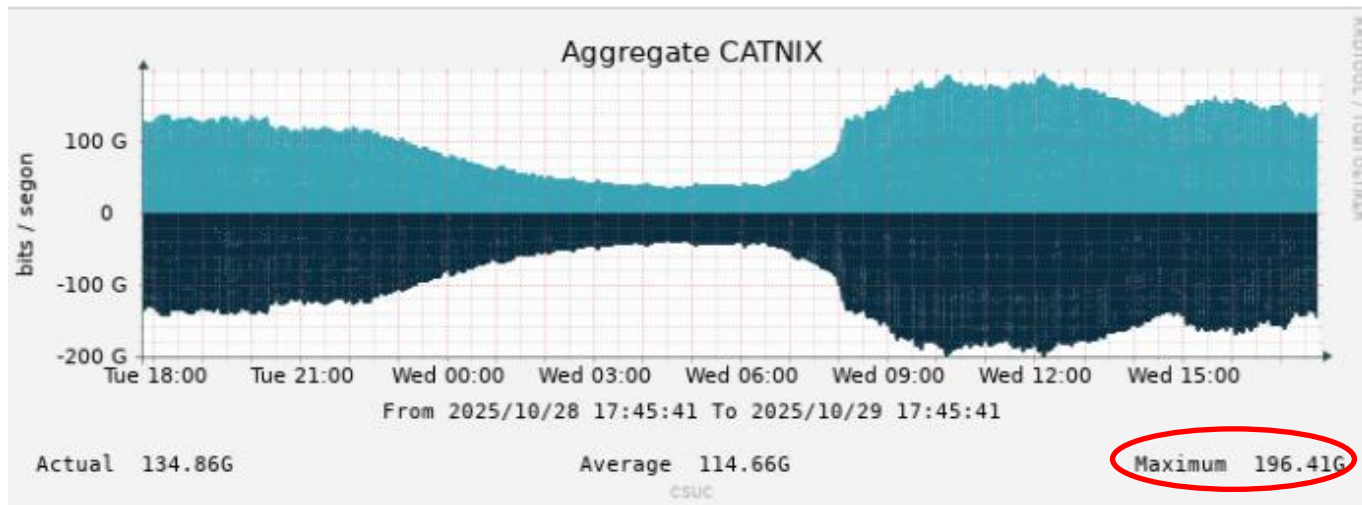
Routes from protocol: CATNIX\_ANELLA. Key: P - Primary / active route. N - Inactive route. ▲ - Blocked / filtered route.

Search:

Network	Next Hop		Metric	Communities?	AS Path	
<a href="#">147.83.0.0/16</a>	193.242.98.38	<span>P</span>	100	<span>*</span>	<a href="#">13041</a>	<a href="#">Details</a>
<a href="#">158.109.0.0/16</a>	193.242.98.38	<span>P</span>	100	<span>*</span>	<a href="#">13041</a>	<a href="#">Details</a>
<a href="#">161.116.0.0/16</a>	193.242.98.38	<span>P</span>	100	<span>*</span>	<a href="#">13041</a>	<a href="#">Details</a>
<a href="#">192.101.162.0/24</a>	193.242.98.38	<span>P</span>	100	<span>*</span>	<a href="#">13041</a>	<a href="#">Details</a>
<a href="#">192.94.163.0/24</a>	193.242.98.38	<span>P</span>	100	<span>*</span>	<a href="#">13041</a>	<a href="#">Details</a>
<a href="#">193.109.172.0/22</a>	193.242.98.38	<span>P</span>	100	<span>*</span>	<a href="#">13041</a> <a href="#">43115</a>	<a href="#">Details</a>
<a href="#">84.88.0.0/16</a>	193.242.98.38	<span>P</span>	100	<span>*</span>	<a href="#">13041</a>	<a href="#">Details</a>
<a href="#">84.89.0.0/18</a>	193.242.98.38	<span>P</span>	100	<span>*</span>	<a href="#">13041</a>	<a href="#">Details</a>
<a href="#">84.89.128.0/17</a>	193.242.98.38	<span>P</span>	100	<span>*</span>	<a href="#">13041</a>	<a href="#">Details</a>

Showing 1 to 9 of 9 entries

# Tráfico intercambiado



# ✓ Oportunidad de asistir al RIPE Meeting. No tenéis excusa...

❗ Applications are now open for the RIPE Fellowship for RIPE 92 (Edinburgh, Scotland, 18-22 May 2026) and RIPE 93 (RIPE 93, Sofia, Bulgaria, 26-30 October 2026)

## What Do Fellows Get?

Applying to the RIPE Fellowship offers the following benefits.

### Before the RIPE Meeting:

- Free ticket, travel, and accommodation to attend the RIPE Meeting
- Coaching from an experienced RIPE community member
- Training in public speaking and community participation
- Introduction to your RIPE Fellowship peer group

### During the Meeting:

- Daily stand-up meetings with your peers
- Lunch with your coach and peers on the first day

### After the Meeting:

- Feedback session
- Opportunities to continue learning and contributing to the RIPE community





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Serveis Universitaris  
de Catalunya

**¡Gracias por vuestra atención!**  
**Preguntas? Sugerencias?**

*[mariaisabel.gandia\\_at\\_csuc.cat](mailto:mariaisabel.gandia_at_csuc.cat)*

