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Núcleo de Informação
e Coordenação do
Ponto BR
Comitê Gestor da
Internet no Brasil

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nic.br cgi.br



IX Fórum Fortaleza 2025
Fortaleza, CE | **04/06/2025**

Atualização IX.br Fortaleza

Julio Sirota (jsirota@nic.br)

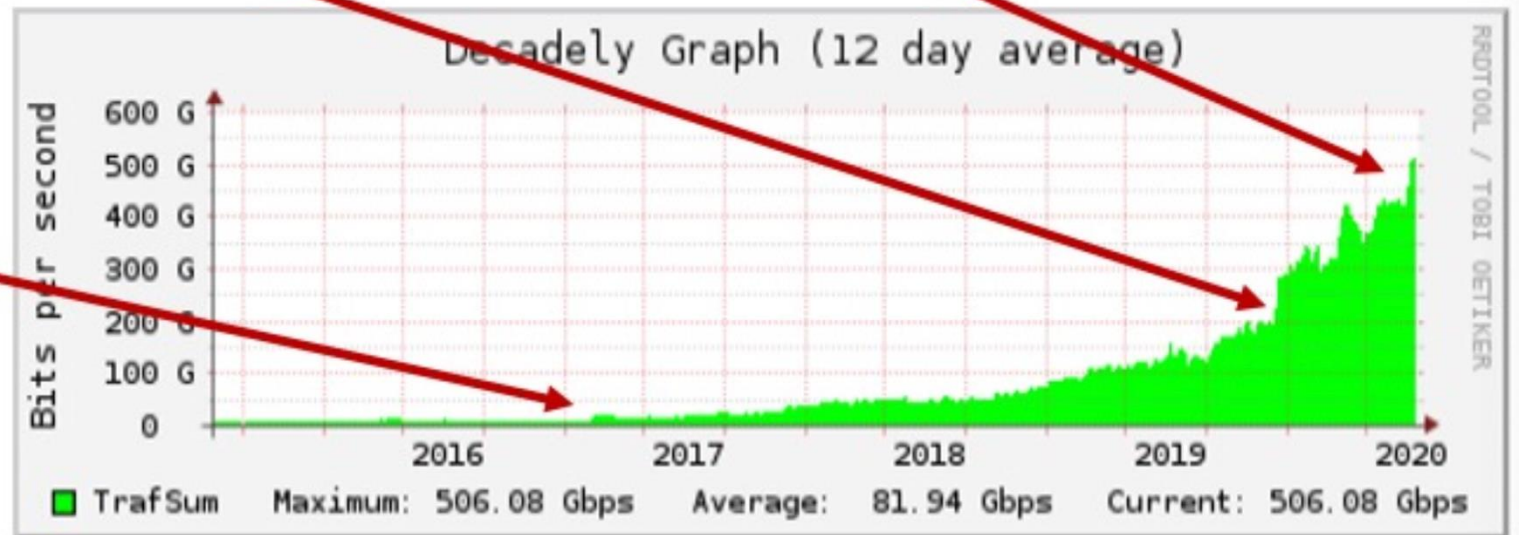
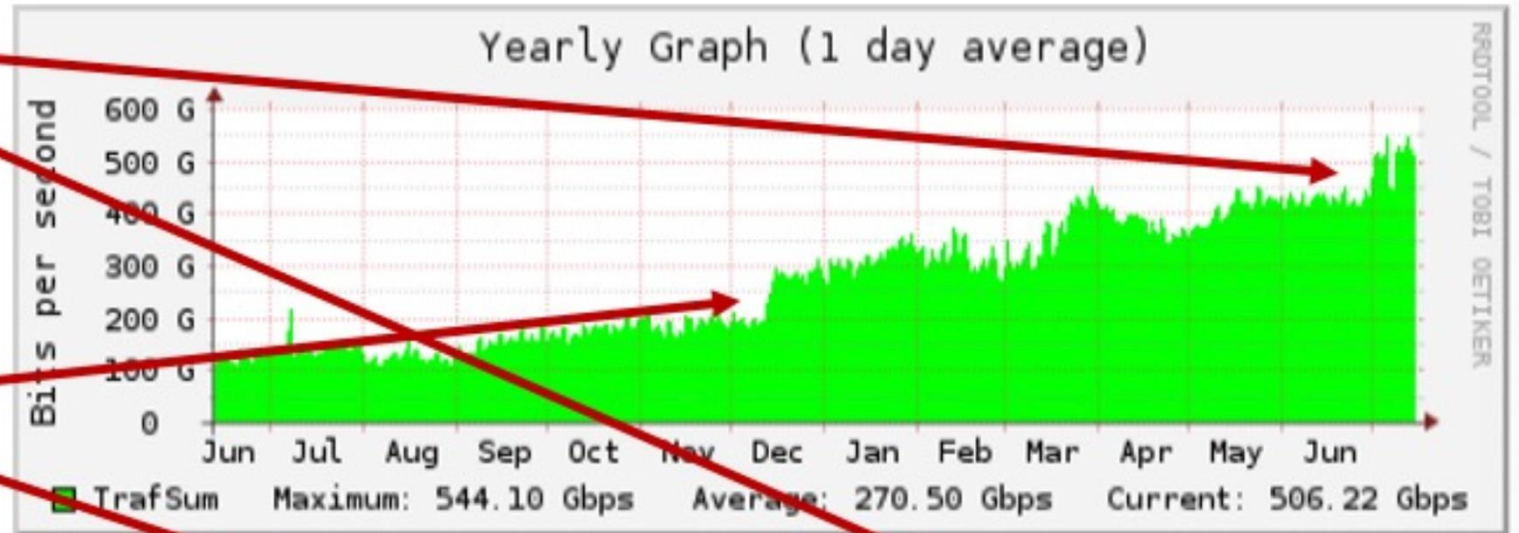
ix.br nic.br cgi.br

IX.br Fortaleza/CE

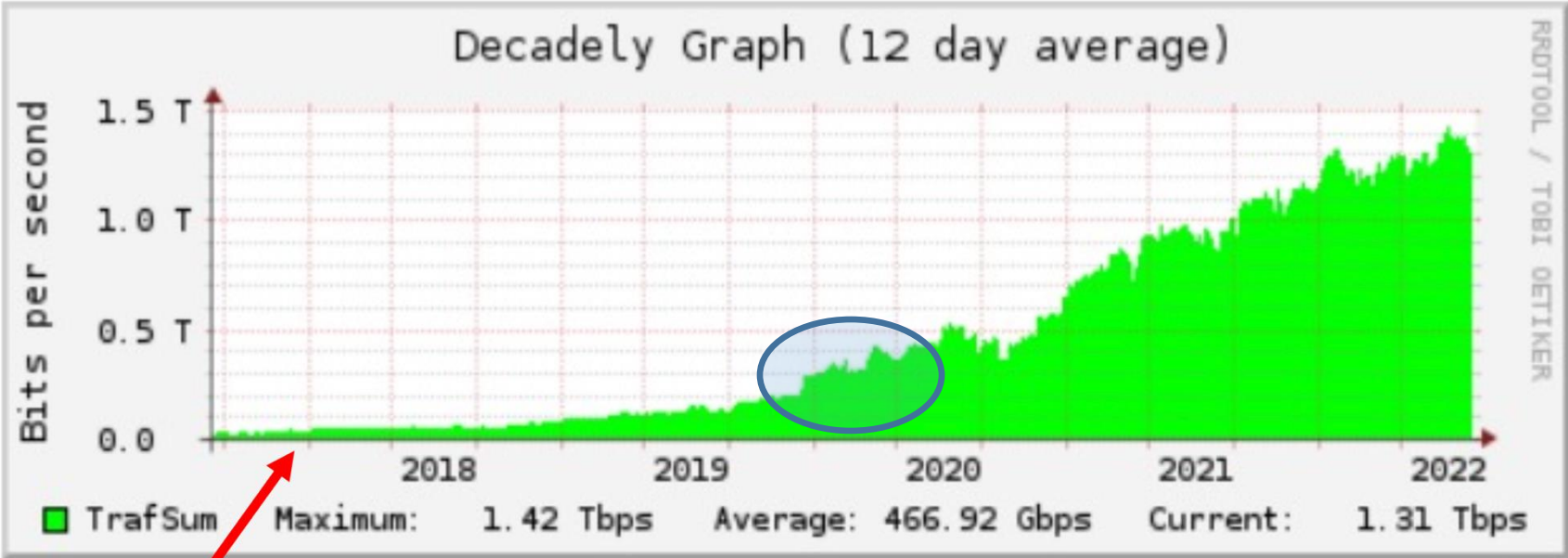
Facebook upgrade
(07/2020)

Facebook
(12/2019)

Netflix (02/2017)
Akamai (08/2017)

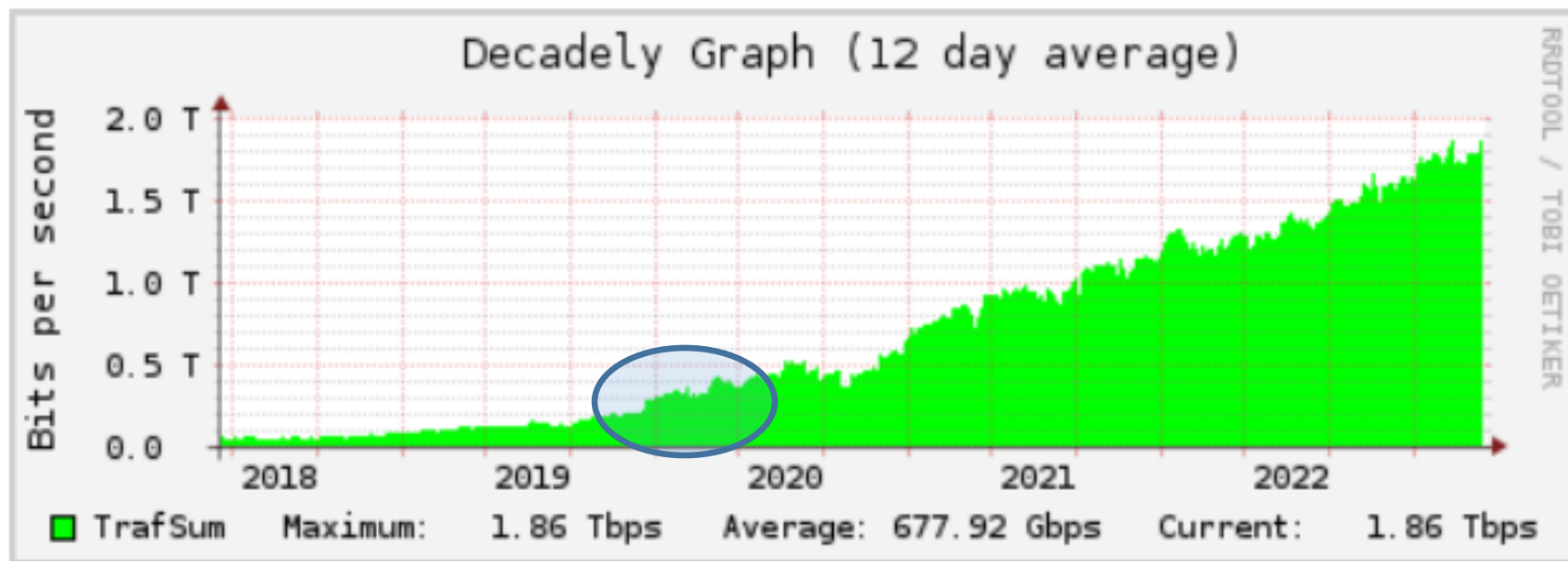


IX.br Fortaleza/CE



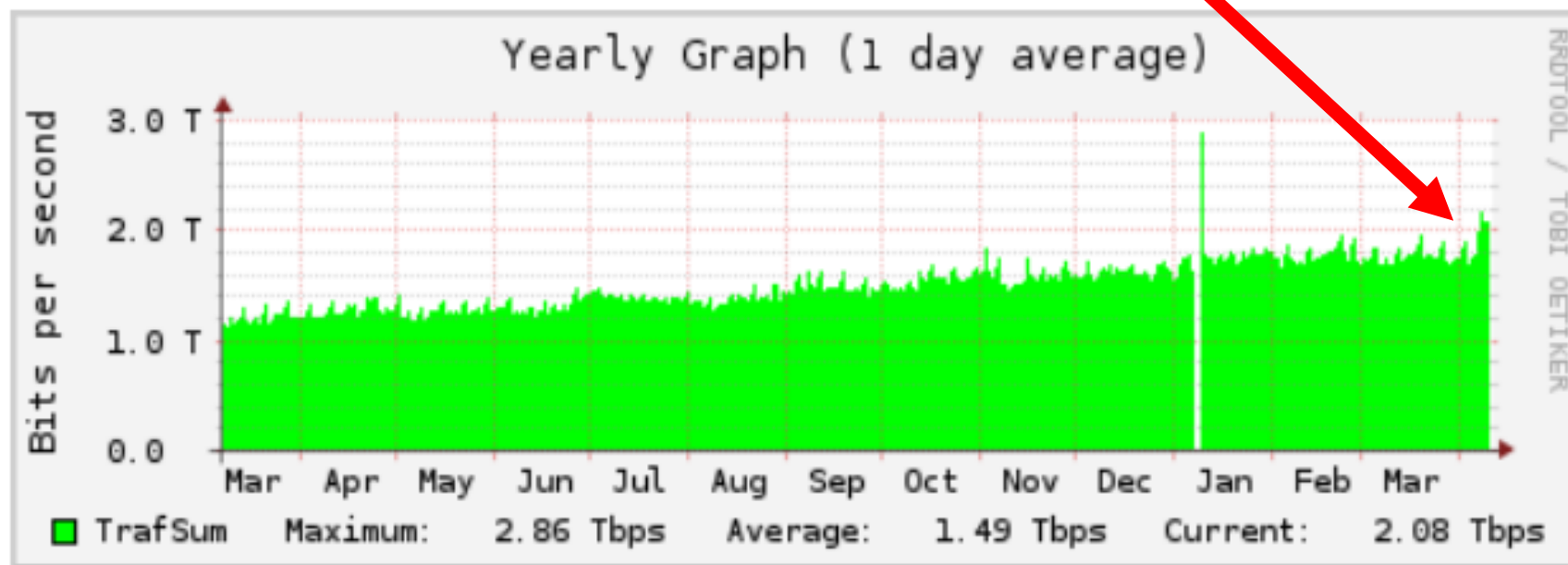
Netflix e Akamai (2017)

Abril/2023



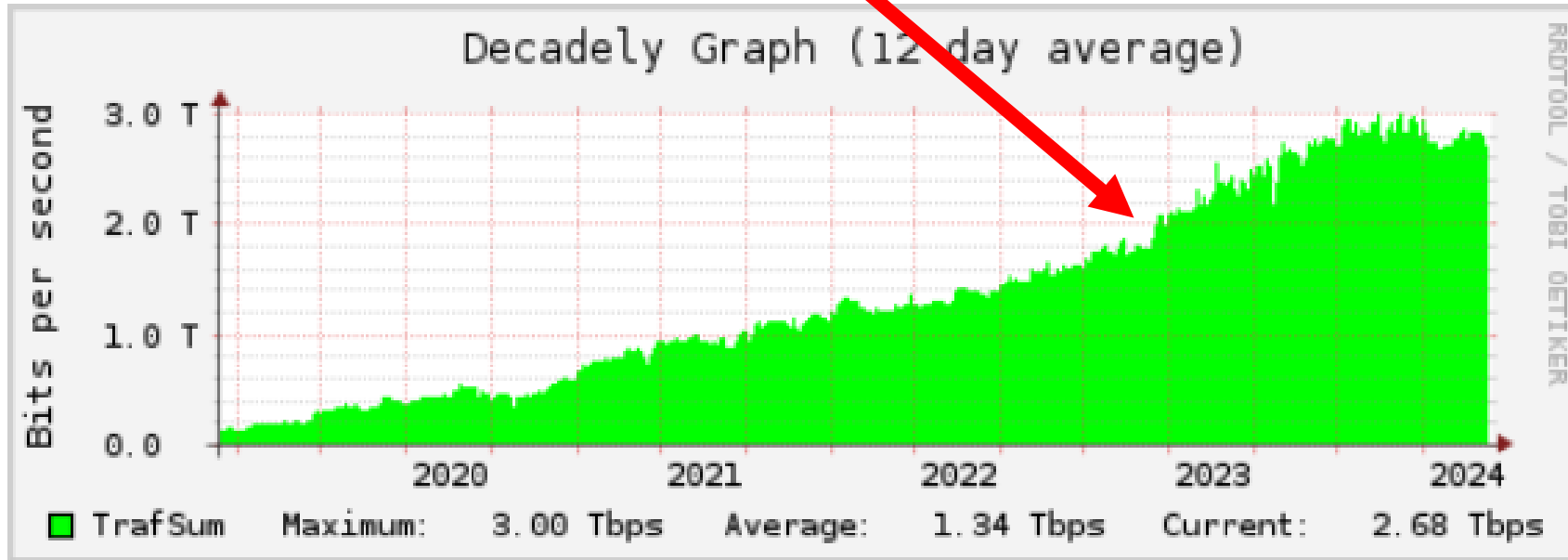
Abril/2023

Ampliação GGCs Google (AS36040)



Agosto/2024

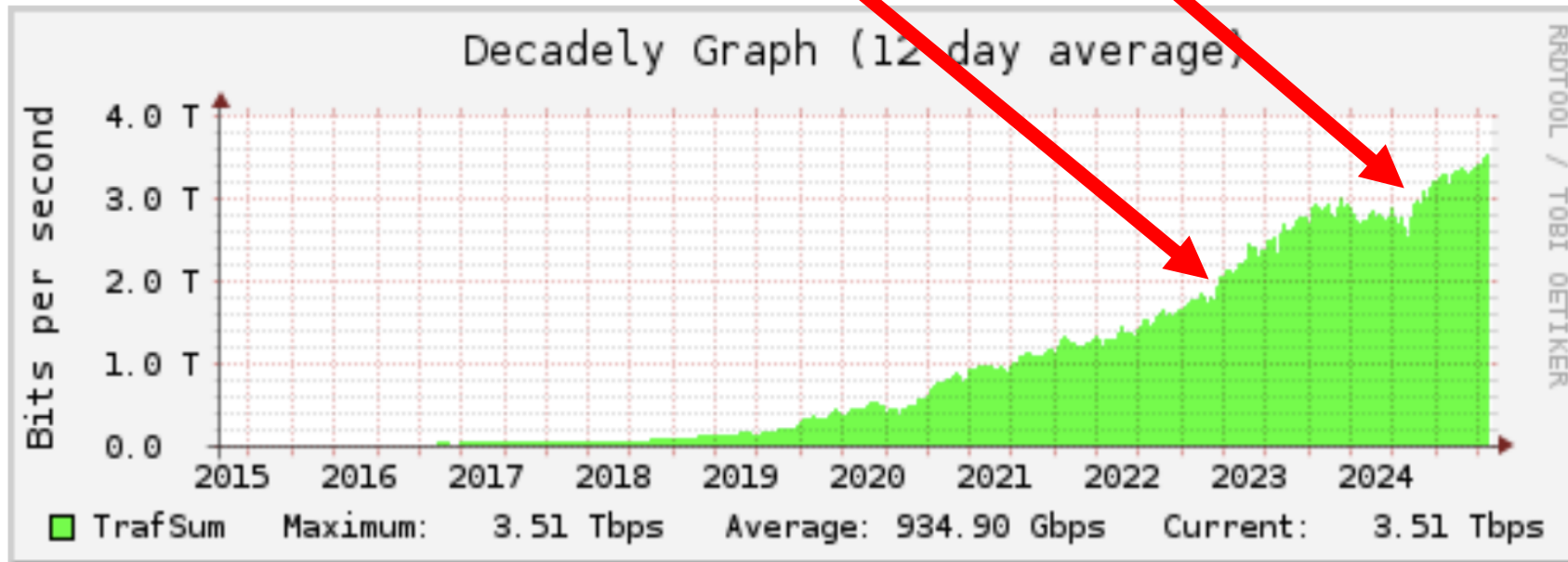
Ampliação GGCs Google (AS36040)



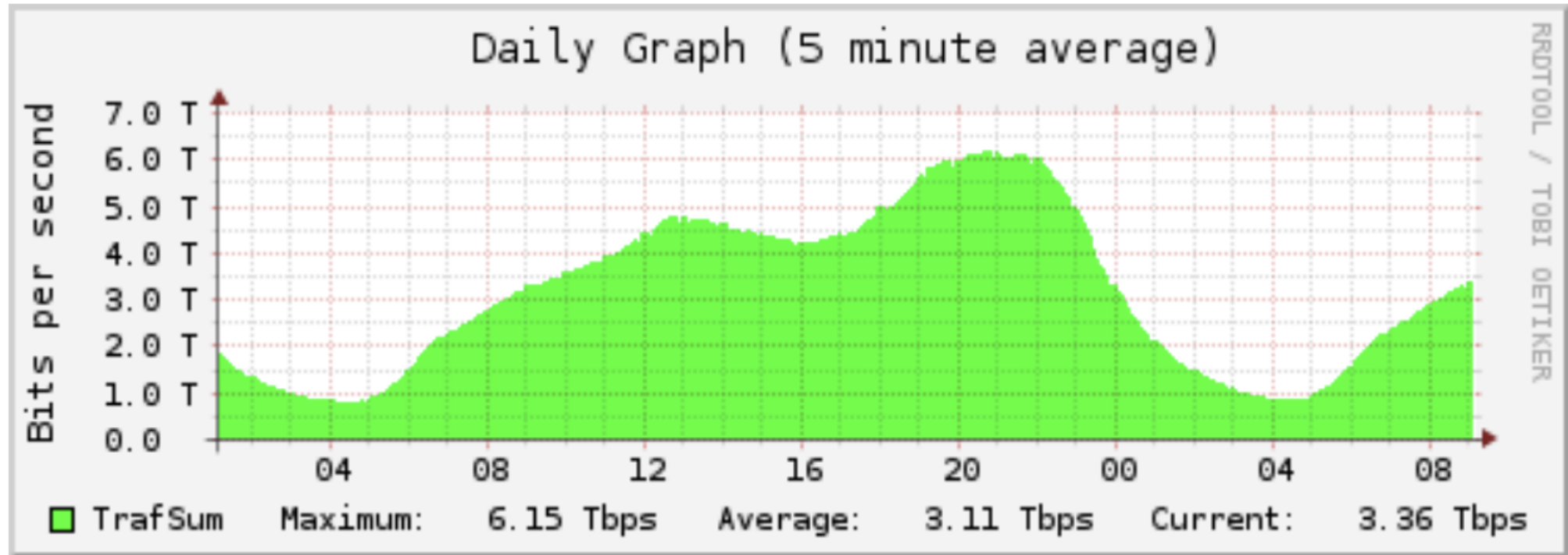
Agosto/2024

Ampliação Meta (AS32934)

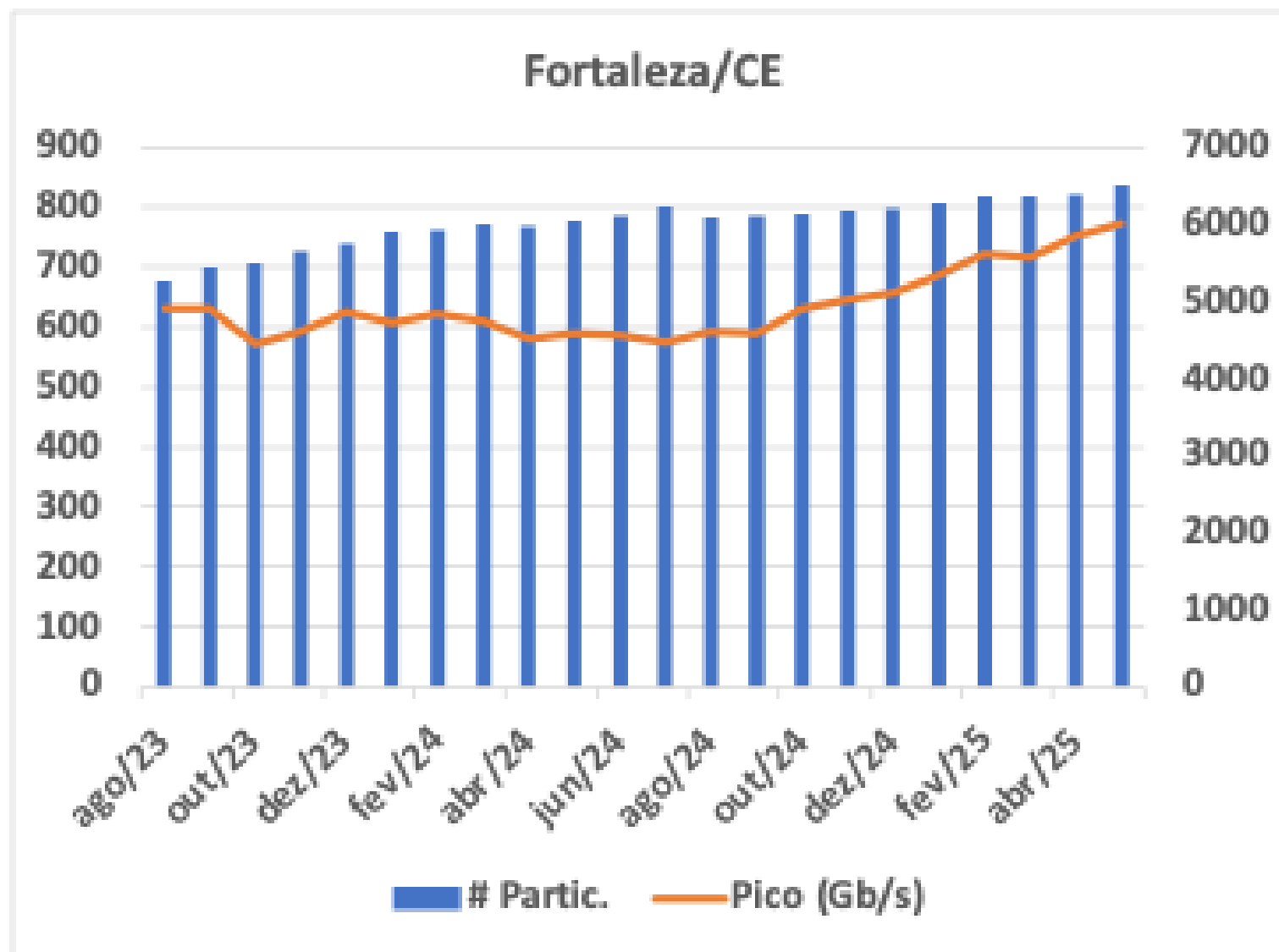
Ampliação GGCs Google (AS36040)



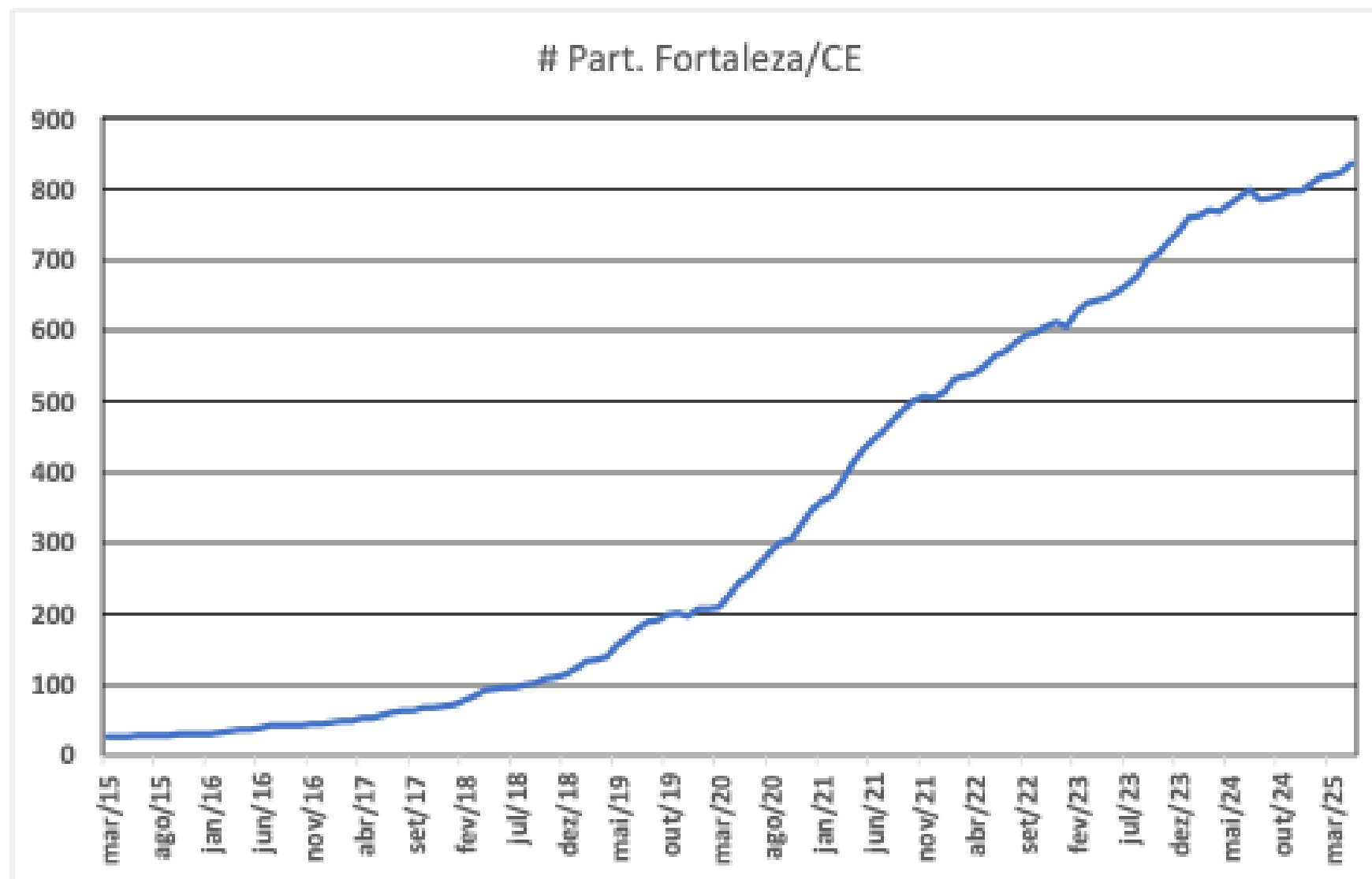
15/maio/2025 – 6 Tbits/s em Fortaleza/CE



Junho/2025



Junho/2025



Histórico da entrada de CDNs e provedores de conteúdo em Fortaleza

ASN	CDN	Ano ativação	PeeringDB 2025
2906	Netflix	2017	600G
20940	Akamai	2017	1,4T
13335	Cloudfare	2019	400G
28604	Globo	2019	400G
10310	Yahoo!	2020	20G
32934	Meta	2020	2,4T
52580	Azion	2020	100G
46489	Twitch	2021	
54113	Fastly	2021	400G
199524	G-Core	2021	100G
15133	Edgecast	2022	
21859	Zenlayer	2022	200G
36040	Google	2023	
396986	ByteDance	2023	400G
16509	Amazon	2023	200G
20253	Qwilt	2024	200G
14593	SpaceX	2024	200G

Alguns números do IX.br Fortaleza/CE – Junho/2025 (Agosto/24)

1G: 10 (13)

10G: 174 (202)

100G: 244 (227)

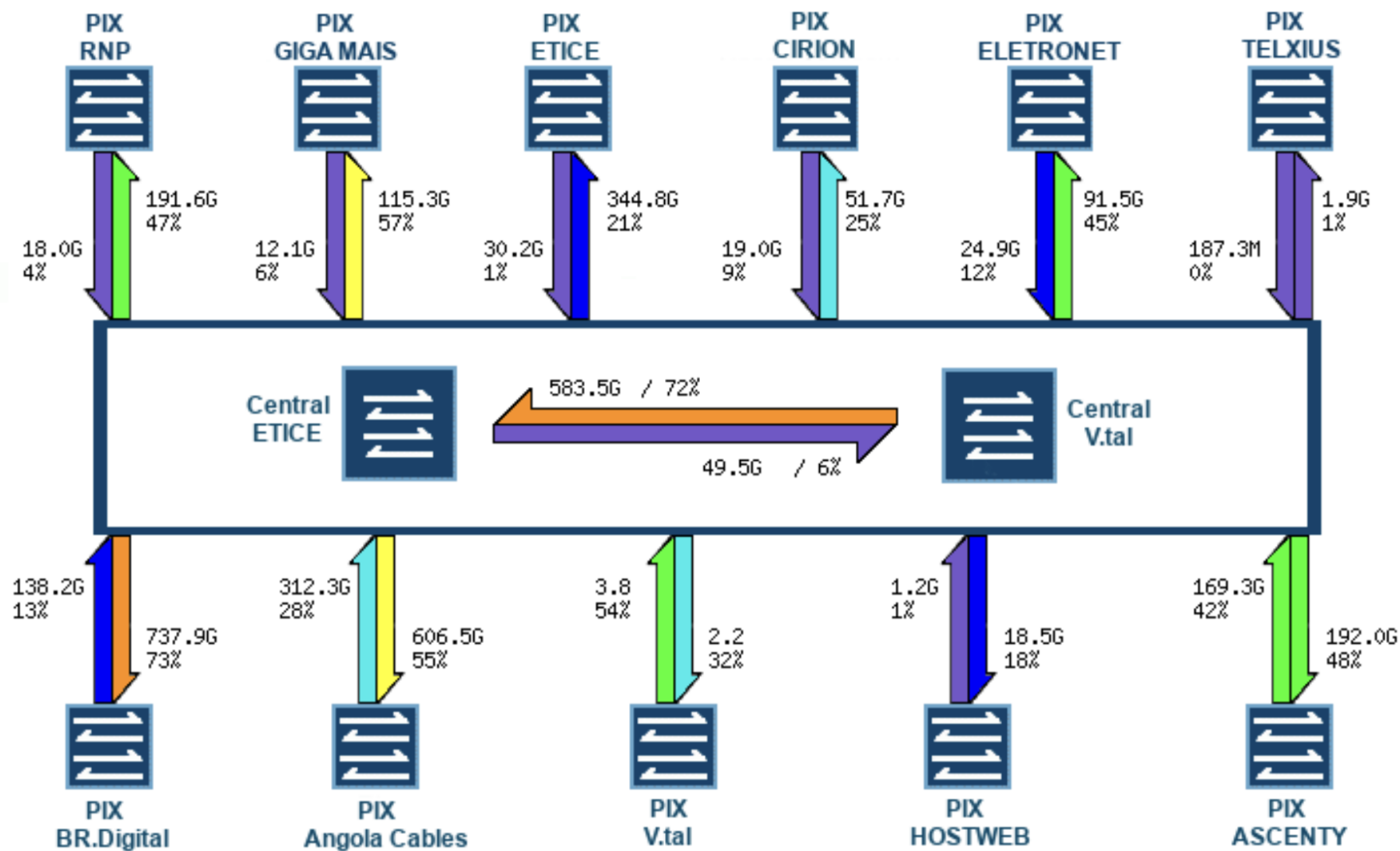
ASNs: 838 (805)

Ligações através de portas CIX: 715 (685)

VLANs bilaterais: 284

Capacidade ativada: 26,1 (24,7) Tbits/s

Topologia IX.br Fortaleza/CE em Junho/2024



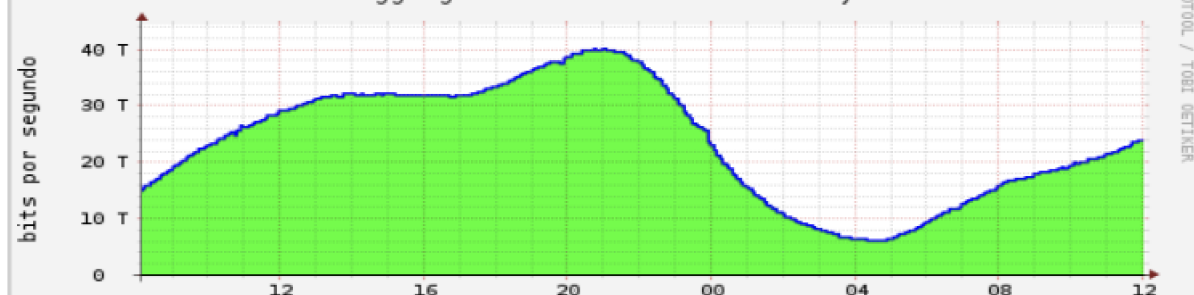
21/04/2025

Agregado IX.br

01/06/2025

Diário

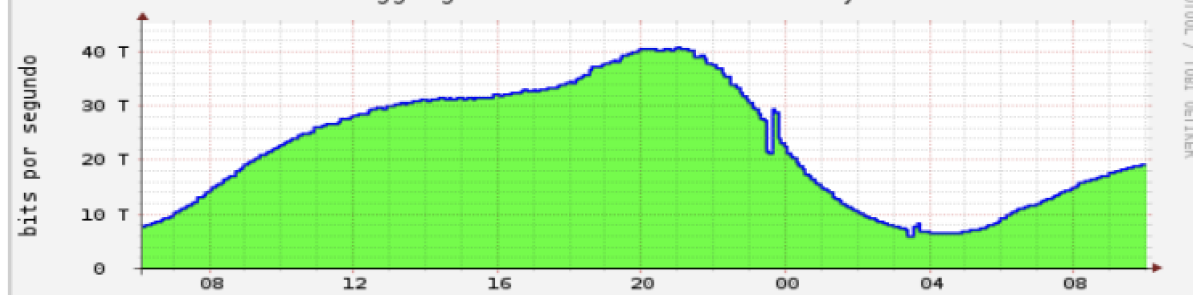
Aggregate traffic IX.br - Daily



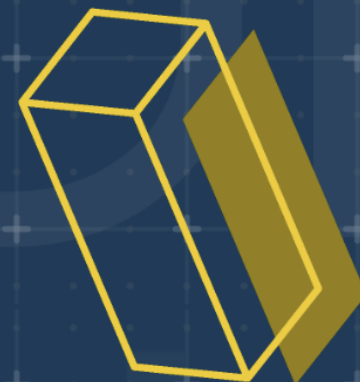
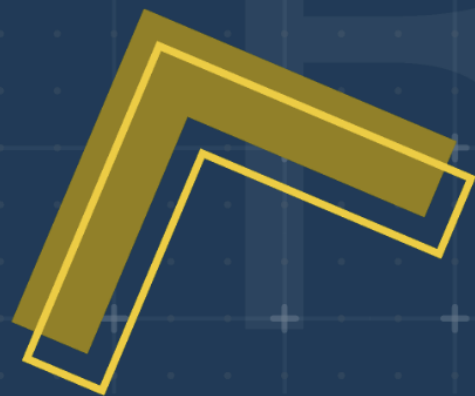
TOTAL	-	Max:	40.27 Tbps	Avg:	23.61 Tbps	Current:	23.82 Tbps
saopaulo.sp	-	Max:	25.61 Tbps	Avg:	14.99 Tbps	Current:	14.53 Tbps
fortaleza.ce	-	Max:	5.78 Tbps	Avg:	3.53 Tbps	Current:	4.08 Tbps
riodejaneiro.rj	-	Max:	4.94 Tbps	Avg:	2.84 Tbps	Current:	2.92 Tbps
brasilvia.df	-	Max:	713.92 Gbps	Avg:	449.28 Gbps	Current:	482.12 Gbps
portoalegre.rs	-	Max:	1.09 Tbps	Avg:	570.99 Gbps	Current:	592.05 Gbps
salvador.ba	-	Max:	353.48 Gbps	Avg:	213.66 Gbps	Current:	224.82 Gbps
curitiba.pr	-	Max:	461.13 Gbps	Avg:	240.55 Gbps	Current:	220.01 Gbps
recife.pe	-	Max:	315.56 Gbps	Avg:	177.11 Gbps	Current:	162.50 Gbps
belohorizonte.mg	-	Max:	229.10 Gbps	Avg:	124.45 Gbps	Current:	132.02 Gbps
manaus.am	-	Max:	155.50 Gbps	Avg:	99.21 Gbps	Current:	106.13 Gbps
florianopolis.sc	-	Max:	144.80 Gbps	Avg:	83.08 Gbps	Current:	86.64 Gbps
campinas.sp	-	Max:	47.09 Gbps	Avg:	24.75 Gbps	Current:	28.64 Gbps
campinagrande.pb	-	Max:	50.33 Gbps	Avg:	28.68 Gbps	Current:	30.91 Gbps
vitoria.es	-	Max:	42.50 Gbps	Avg:	23.32 Gbps	Current:	25.45 Gbps
goiania.go	-	Max:	41.52 Gbps	Avg:	20.50 Gbps	Current:	21.73 Gbps
cuiaba.mt	-	Max:	38.11 Gbps	Avg:	18.54 Gbps	Current:	17.04 Gbps
londrina.pr	-	Max:	48.74 Gbps	Avg:	22.96 Gbps	Current:	20.28 Gbps
lajeado.rs	-	Max:	35.87 Gbps	Avg:	17.10 Gbps	Current:	16.55 Gbps
joaozinho.pb	-	Max:	24.94 Gbps	Avg:	13.76 Gbps	Current:	14.44 Gbps
natal.rn	-	Max:	34.48 Gbps	Avg:	13.10 Gbps	Current:	13.71 Gbps
maceio.al	-	Max:	21.06 Gbps	Avg:	10.93 Gbps	Current:	11.95 Gbps
maringa.pr	-	Max:	21.89 Gbps	Avg:	11.70 Gbps	Current:	10.88 Gbps
sjoserioprto.sp	-	Max:	23.43 Gbps	Avg:	11.23 Gbps	Current:	10.56 Gbps
teresina.pi	-	Max:	21.99 Gbps	Avg:	10.06 Gbps	Current:	9.96 Gbps

Diário

Aggregate traffic IX.br - Daily



TOTAL	-	Max:	41.00 Tbps	Avg:	22.74 Tbps	Current:	19.23 Tbps
saopaulo.sp	-	Max:	26.18 Tbps	Avg:	14.37 Tbps	Current:	11.90 Tbps
fortaleza.ce	-	Max:	5.89 Tbps	Avg:	3.62 Tbps	Current:	3.42 Tbps
riodejaneiro.rj	-	Max:	4.84 Tbps	Avg:	2.53 Tbps	Current:	2.05 Tbps
portoalegre.rs	-	Max:	1.24 Tbps	Avg:	583.56 Gbps	Current:	454.96 Gbps
brasilvia.df	-	Max:	789.37 Gbps	Avg:	454.46 Gbps	Current:	424.10 Gbps
curitiba.pr	-	Max:	502.07 Gbps	Avg:	235.83 Gbps	Current:	180.70 Gbps
salvador.ba	-	Max:	373.82 Gbps	Avg:	220.03 Gbps	Current:	192.60 Gbps
recife.pe	-	Max:	309.80 Gbps	Avg:	168.02 Gbps	Current:	136.18 Gbps
belohorizonte.mg	-	Max:	216.68 Gbps	Avg:	115.34 Gbps	Current:	100.34 Gbps
florianopolis.sc	-	Max:	156.62 Gbps	Avg:	83.90 Gbps	Current:	75.07 Gbps
manaus.am	-	Max:	153.93 Gbps	Avg:	92.26 Gbps	Current:	80.81 Gbps
campinas.sp	-	Max:	42.41 Gbps	Avg:	24.24 Gbps	Current:	29.26 Gbps
campinagrande.pb	-	Max:	55.47 Gbps	Avg:	29.53 Gbps	Current:	24.90 Gbps
goiania.go	-	Max:	37.59 Gbps	Avg:	18.91 Gbps	Current:	15.43 Gbps
londrina.pr	-	Max:	48.65 Gbps	Avg:	22.84 Gbps	Current:	14.62 Gbps
vitoria.es	-	Max:	41.54 Gbps	Avg:	19.71 Gbps	Current:	14.19 Gbps
joaozinho.pb	-	Max:	19.45 Gbps	Avg:	11.23 Gbps	Current:	10.92 Gbps
lajeado.rs	-	Max:	34.48 Gbps	Avg:	16.11 Gbps	Current:	12.19 Gbps
maringa.pr	-	Max:	25.00 Gbps	Avg:	13.07 Gbps	Current:	10.16 Gbps
cuiaba.mt	-	Max:	36.68 Gbps	Avg:	16.70 Gbps	Current:	10.60 Gbps
maceio.al	-	Max:	19.40 Gbps	Avg:	10.40 Gbps	Current:	8.84 Gbps
natal.rn	-	Max:	22.21 Gbps	Avg:	10.99 Gbps	Current:	8.83 Gbps
sjoserioprto.sp	-	Max:	20.93 Gbps	Avg:	10.41 Gbps	Current:	7.67 Gbps
campogrande.ms	-	Max:	25.50 Gbps	Avg:	10.52 Gbps	Current:	6.68 Gbps
teresina.pi	-	Max:	27.48 Gbps	Avg:	9.22 Gbps	Current:	7.33 Gbps



IX FÓRUM¹⁹

Incentivando o diálogo sobre os
Pontos de Troca de Tráfego Internet

17 E 18 DE DEZEMBRO DE 2025

Centro de Convenções Rebouças

Avenida Rebouças, 600 - Pinheiros, São Paulo/SP

Obrigado(a)

www.ix.br

jsirota@nic.br

05 de junho de 2025

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