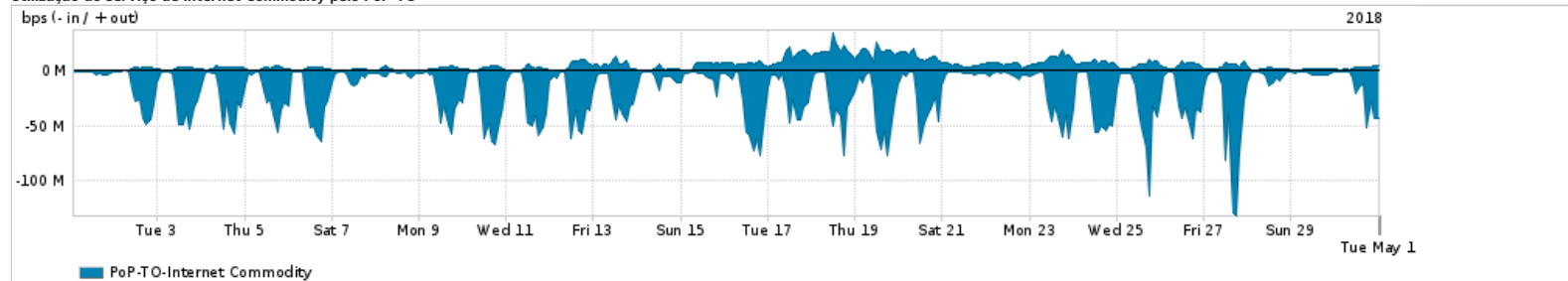


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).
 A primeira coluna da tabela define o ponto de referência para entendimento dos valores de In e Out.
 A contabilização do tráfego é sob o ponto de vista do AS da RNP, AS1916.

Legenda:

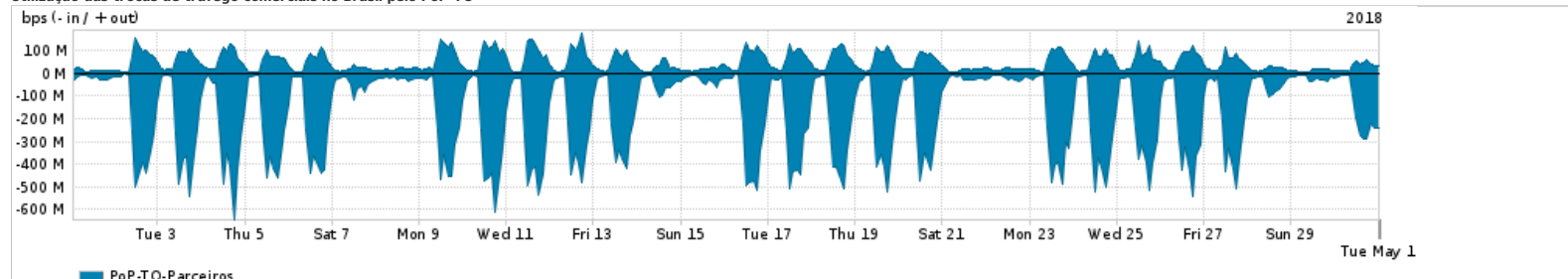
- PoP - Ponto de presença da RNP
- Parceiros - Provedores comerciais que a RNP mantém acordos de troca de tráfego
- Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara
- Internet commodity - Acesso pago à Internet global que é oferecido pela RNP aos seus clientes
- ASN - Número do sistema autônomo
- Profile - Objeto gerenciável definido arbitrariamente no Peakflow através de diversos parâmetros (ex: bloco cidr, peer-as, as-path, bgp community, interface, etc)

Utilização do serviço de Internet Commodity pelo PoP-TO



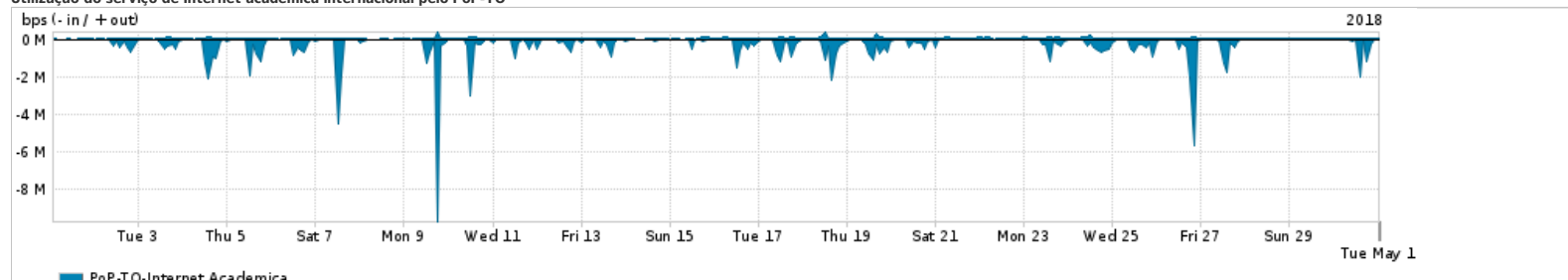
PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-TO	Internet Commodity	20.23 Mbps	5.14 Mbps	25.37 Mbps

Utilização das trocas de tráfego comerciais no Brasil pelo PoP-TO



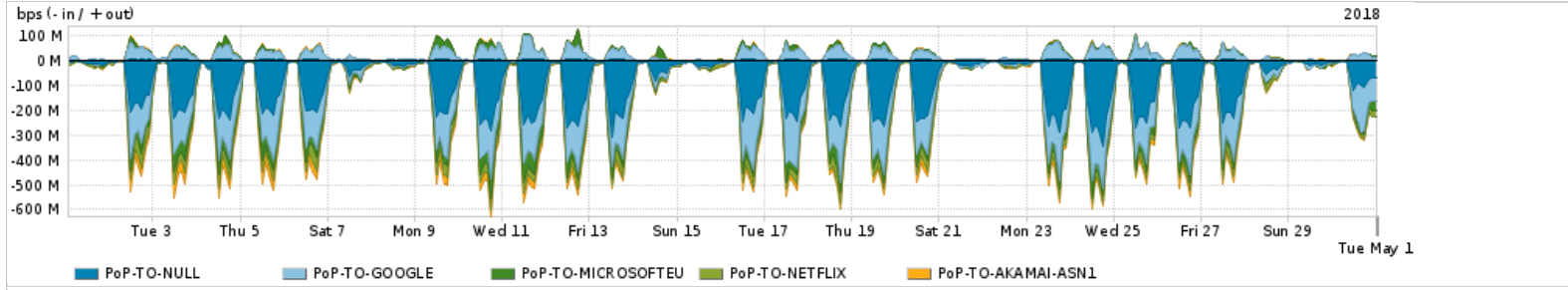
PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-TO	Parceiros	168.84 Mbps	47.55 Mbps	216.40 Mbps

Utilização do serviço de Internet acadêmica internacional pelo PoP-TO



PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-TO	Internet Academica	271.83 Kbps	29.12 Kbps	300.95 Kbps

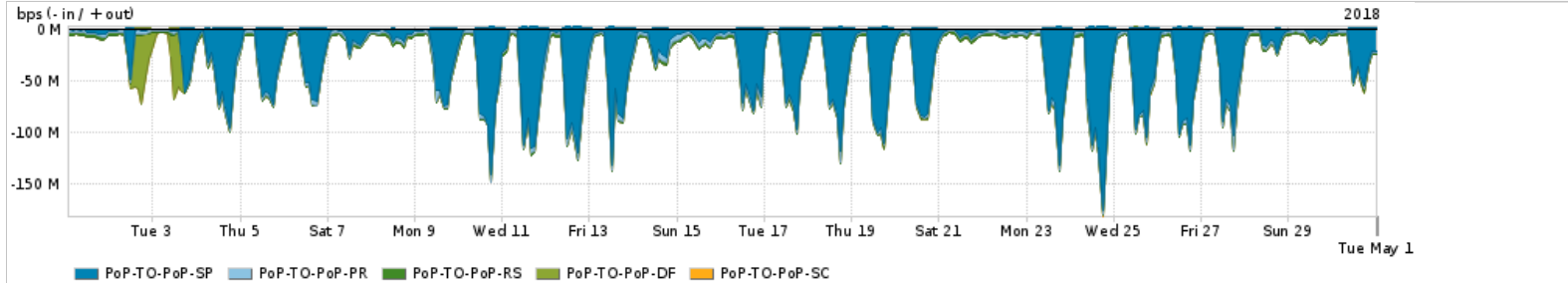
Redes (AS's de origem) mais acessadas pelo PoP-TO



Average | Max | PCT95

	PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	NULL	0	85.48 Mbps	2.40 Mbps	87.88 Mbps
<input checked="" type="checkbox"/>	PoP-TO	GOOGLE	15169	55.07 Mbps	19.98 Mbps	75.05 Mbps
<input checked="" type="checkbox"/>	PoP-TO	MICROSOFTEU	8068	16.47 Mbps	3.45 Mbps	19.93 Mbps
<input checked="" type="checkbox"/>	PoP-TO	NETFLIX	2906	14.94 Mbps	382.48 Kbps	15.32 Mbps
<input checked="" type="checkbox"/>	PoP-TO	AKAMAI-ASN1	20940	9.87 Mbps	479.35 Kbps	10.35 Mbps
<input type="checkbox"/>	PoP-TO	AMAZON-02	16509	8.68 Mbps	1.16 Mbps	9.84 Mbps
<input type="checkbox"/>	PoP-TO	FACEBOOK	32934	7.23 Mbps	1.79 Mbps	9.02 Mbps
<input type="checkbox"/>	PoP-TO	GCEPSA-BR	28604	8.01 Mbps	412.79 Kbps	8.42 Mbps
<input type="checkbox"/>	PoP-TO	EDGECAST	15133	6.29 Mbps	178.74 Kbps	6.47 Mbps
<input type="checkbox"/>	PoP-TO	BTSADF-BR	8167	1.43 Mbps	2.61 Mbps	4.04 Mbps

Interesse de tráfego do PoP-TO com os outros PoPs da RNP

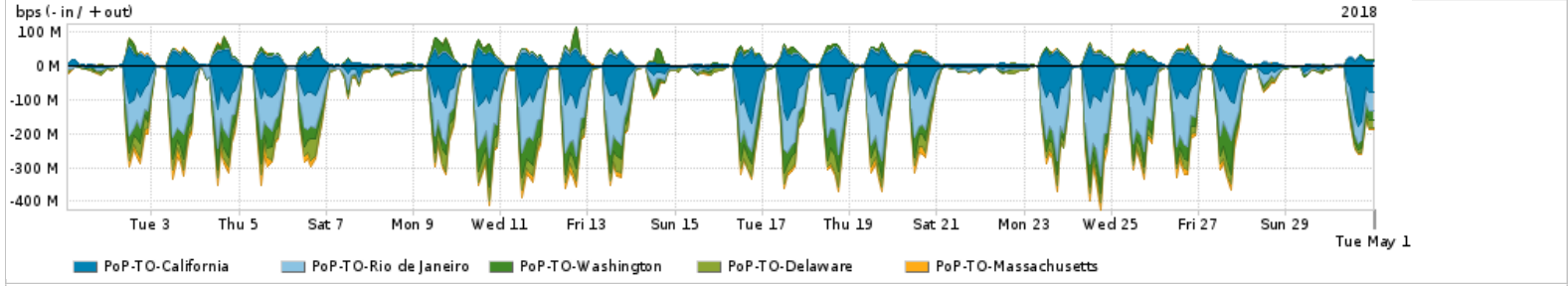


Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	PoP-SP	29.08 Mbps	515.17 Kbps	29.60 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-PR	2.97 Mbps	1.00 bps	2.97 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-RS	1.96 Mbps	14.00 bps	1.96 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-DF	1.27 Mbps	22.05 Kbps	1.29 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-SC	2.15 Kbps	1.00 bps	2.15 Kbps
<input type="checkbox"/>	PoP-TO	PoP-MG	0.00 bps	554.00 bps	554.00 bps
<input type="checkbox"/>	PoP-TO	PoP-TO	90.00 bps	90.00 bps	180.00 bps
<input type="checkbox"/>	PoP-TO	PoP-PA	159.00 bps	0.00 bps	159.00 bps
<input type="checkbox"/>	PoP-TO	PoP-RJ	4.00 bps	8.00 bps	12.00 bps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-TO	PoP-PE	0.00 bps	1.00 bps	1.00 bps

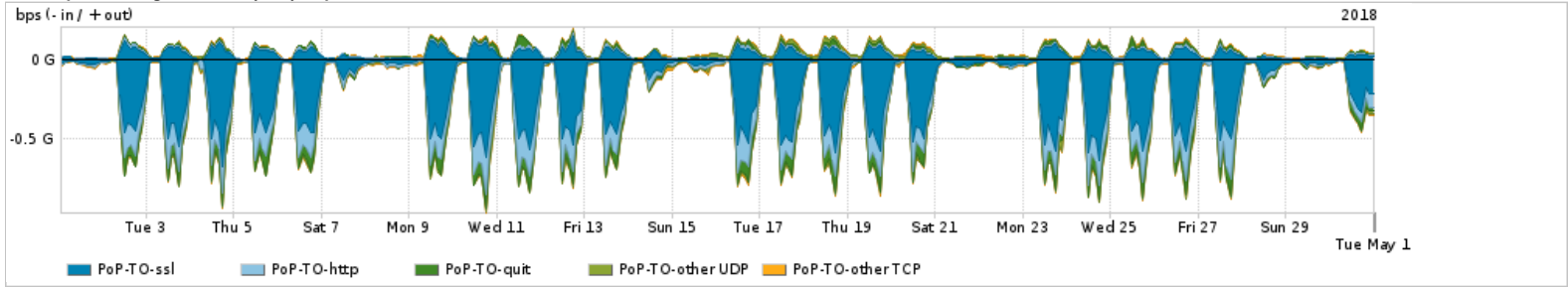
Distribuição do tráfego do PoP-TO por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	California	36.77 Mbps	15.36 Mbps	52.13 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Rio de Janeiro	45.52 Mbps	1.80 Mbps	47.32 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Washington	19.28 Mbps	3.70 Mbps	22.98 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Delaware	12.62 Mbps	327.86 Kbps	12.95 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Massachusetts	6.06 Mbps	385.33 Kbps	6.45 Mbps
<input type="checkbox"/>	PoP-TO	Sao Paulo	3.70 Mbps	1.40 Mbps	5.09 Mbps
<input type="checkbox"/>	PoP-TO	Virginia	3.58 Mbps	1.10 Mbps	4.68 Mbps
<input type="checkbox"/>	PoP-TO	Tocantins	556.32 Kbps	3.14 Mbps	3.70 Mbps
<input type="checkbox"/>	PoP-TO	Arizona	2.07 Mbps	22.31 Kbps	2.09 Mbps
<input type="checkbox"/>	PoP-TO	Quebec	1.27 Mbps	179.61 Kbps	1.45 Mbps
<input type="checkbox"/>	PoP-TO	Texas	1.24 Mbps	179.29 Kbps	1.42 Mbps
<input type="checkbox"/>	PoP-TO	Goias	926.49 Kbps	437.82 Kbps	1.36 Mbps
<input type="checkbox"/>	PoP-TO	Parana	1.06 Mbps	278.62 Kbps	1.34 Mbps
<input type="checkbox"/>	PoP-TO	Nordrhein-Westfalen	1.11 Mbps	45.00 bps	1.11 Mbps
<input type="checkbox"/>	PoP-TO	Distrito Federal	637.76 Kbps	464.98 Kbps	1.10 Mbps

Distribuição do tráfego do PoP-TO por aplicação (análise em camada 3 e 4)

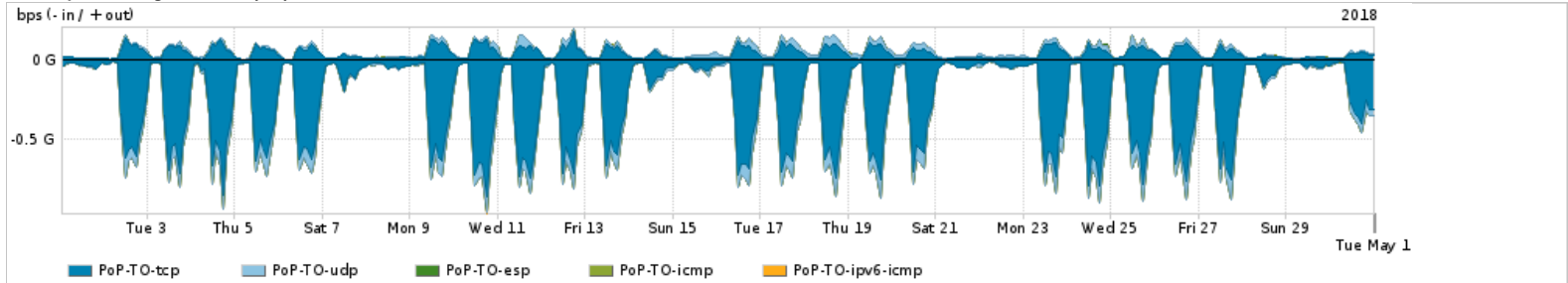


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	ssl	180.31 Mbps	30.43 Mbps	210.74 Mbps
<input checked="" type="checkbox"/>	PoP-TO	http	60.02 Mbps	6.57 Mbps	66.59 Mbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	quit	26.69 Mbps	6.58 Mbps	33.27 Mbps
<input checked="" type="checkbox"/>	PoP-TO	other UDP	6.04 Mbps	6.78 Mbps	12.82 Mbps
<input checked="" type="checkbox"/>	PoP-TO	other TCP	5.85 Mbps	3.47 Mbps	9.32 Mbps
<input type="checkbox"/>	PoP-TO	dns	256.98 Kbps	619.79 Kbps	876.77 Kbps
<input type="checkbox"/>	PoP-TO	stun	100.39 Kbps	104.83 Kbps	205.23 Kbps
<input type="checkbox"/>	PoP-TO	ssh	96.26 Kbps	67.75 Kbps	164.01 Kbps
<input type="checkbox"/>	PoP-TO	xmpp	68.03 Kbps	67.33 Kbps	135.36 Kbps
<input type="checkbox"/>	PoP-TO	macromedia-fcs	64.74 Kbps	58.83 Kbps	123.57 Kbps

Distribuição do tráfego do PoP-TO por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	tcp	246.64 Mbps	40.87 Mbps	287.50 Mbps
<input checked="" type="checkbox"/>	PoP-TO	udp	33.06 Mbps	14.09 Mbps	47.15 Mbps
<input checked="" type="checkbox"/>	PoP-TO	esp	54.18 Kbps	104.03 Kbps	158.22 Kbps
<input checked="" type="checkbox"/>	PoP-TO	icmp	61.98 Kbps	66.73 Kbps	128.71 Kbps
<input checked="" type="checkbox"/>	PoP-TO	ipv6-icmp	1.28 Kbps	2.88 Kbps	4.16 Kbps
<input type="checkbox"/>	PoP-TO	gre	48.00 bps	12.00 bps	60.00 bps
<input type="checkbox"/>	PoP-TO	sctp	10.00 bps	0.00 bps	10.00 bps
<input type="checkbox"/>	PoP-TO	ipv6	0.00 bps	2.00 bps	2.00 bps
<input type="checkbox"/>	PoP-TO	ipv6-nonxt	1.00 bps	0.00 bps	1.00 bps

For assistance with this product, please contact support at <https://support.arbornetworks.com>