

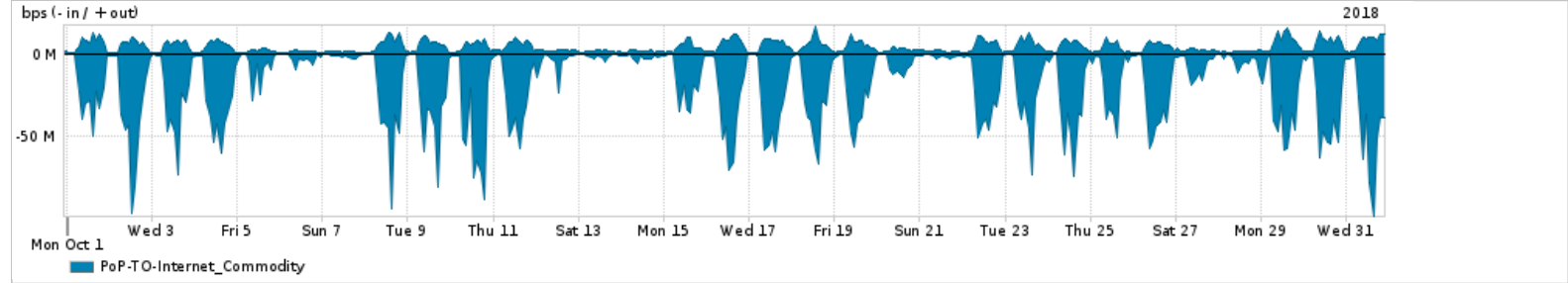
Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).

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)

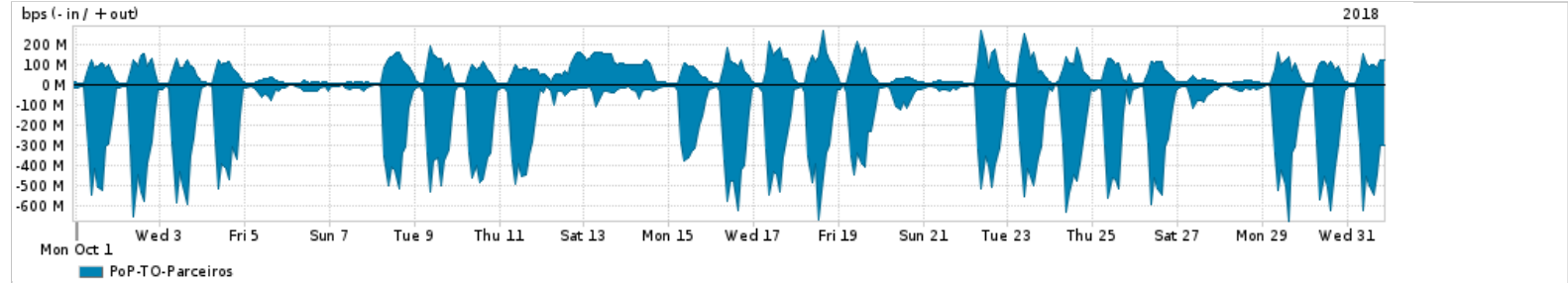
Utilização do serviço de Internet Commodity pelo PoP-TO



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-TO	Internet_Commodity	19.54 Mbps	4.07 Mbps	23.61 Mbps

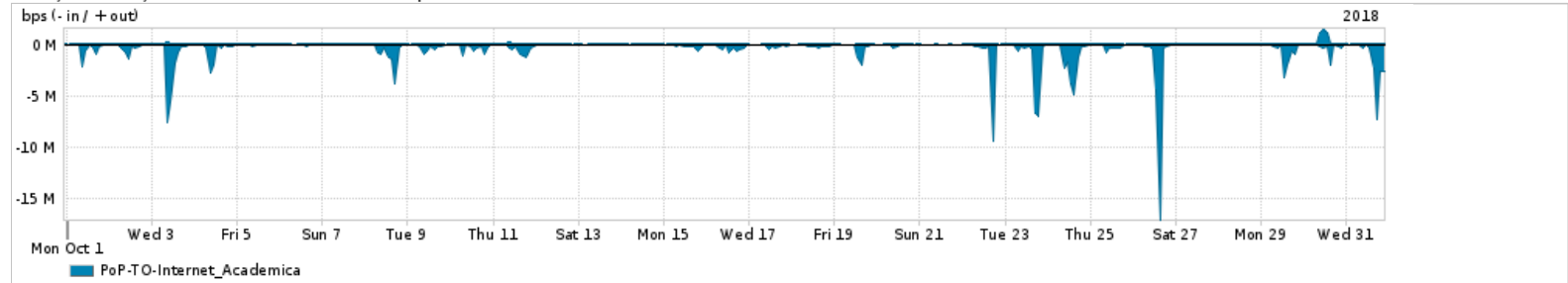
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-TO



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-TO	Parceiros	183.36 Mbps	60.61 Mbps	243.97 Mbps

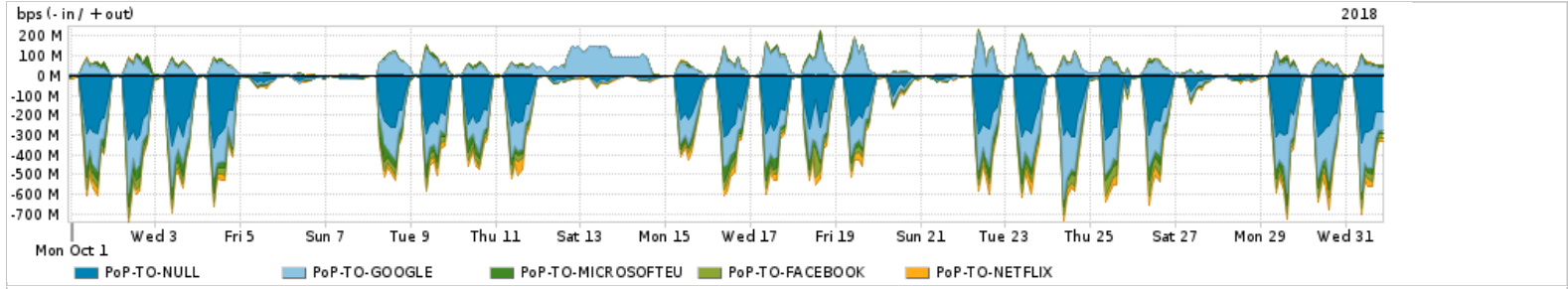
Utilização do serviço de Internet acadêmica internacional pelo PoP-TO



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-TO	Internet_Academica	429.59 Kbps	34.75 Kbps	464.34 Kbps

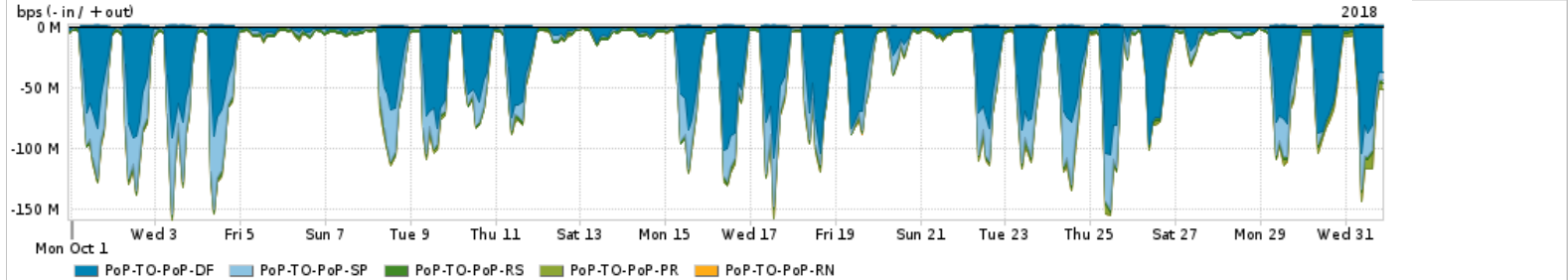
Redes (AS's de origem) mais acessadas pelo PoP-TO



Average | Max | PCT95

	PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	NULL	0	98.43 Mbps	2.22 Mbps	100.64 Mbps
<input checked="" type="checkbox"/>	PoP-TO	GOOGLE	15169	56.79 Mbps	36.77 Mbps	93.56 Mbps
<input checked="" type="checkbox"/>	PoP-TO	MICROSOFTEU	8068	16.51 Mbps	2.00 Mbps	18.52 Mbps
<input checked="" type="checkbox"/>	PoP-TO	FACEBOOK	32934	13.81 Mbps	3.11 Mbps	16.92 Mbps
<input checked="" type="checkbox"/>	PoP-TO	NETFLIX	2906	12.12 Mbps	243.10 Kbps	12.36 Mbps
<input type="checkbox"/>	PoP-TO	AKAMAI-ASN1	20940	9.13 Mbps	416.72 Kbps	9.54 Mbps
<input type="checkbox"/>	PoP-TO	AMAZON-02	16509	7.45 Mbps	2.07 Mbps	9.53 Mbps
<input type="checkbox"/>	PoP-TO	BTSADF-BR	8167	5.38 Mbps	2.58 Mbps	7.96 Mbps
<input type="checkbox"/>	PoP-TO	EDGECAST	15133	7.43 Mbps	160.59 Kbps	7.59 Mbps
<input type="checkbox"/>	PoP-TO	INTERCONNECT	262492	5.53 Mbps	114.46 Kbps	5.65 Mbps

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

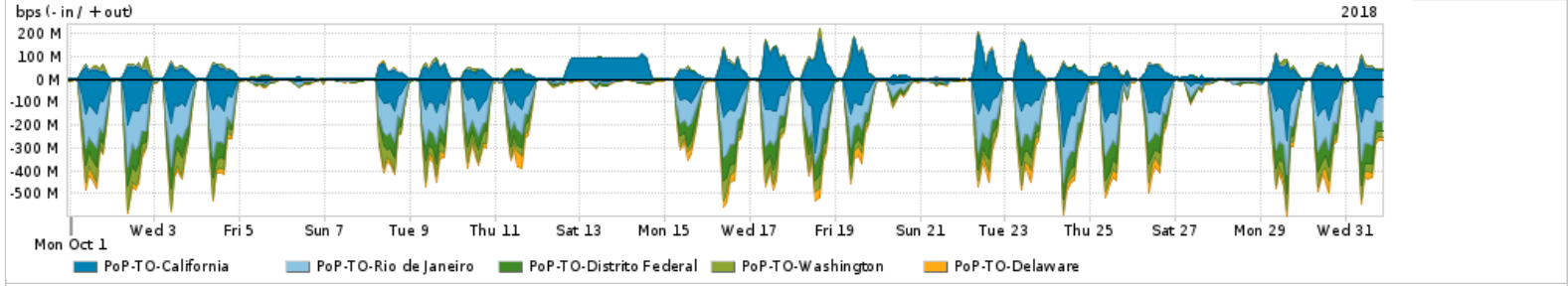


Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	PoP-DF	26.55 Mbps	421.36 Kbps	26.97 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-SP	9.58 Mbps	183.87 Kbps	9.77 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-RS	2.37 Mbps	26.00 bps	2.37 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-PR	1.24 Mbps	0.00 bps	1.24 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-RN	7.91 Kbps	0.00 bps	7.91 Kbps
<input type="checkbox"/>	PoP-TO	PoP-RJ	4.80 Kbps	117.00 bps	4.91 Kbps
<input type="checkbox"/>	PoP-TO	PoP-SC	748.00 bps	11.00 bps	759.00 bps
<input type="checkbox"/>	PoP-TO	PoP-MG	0.00 bps	137.00 bps	137.00 bps
<input type="checkbox"/>	PoP-TO	PoP-GO	4.00 bps	0.00 bps	4.00 bps

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

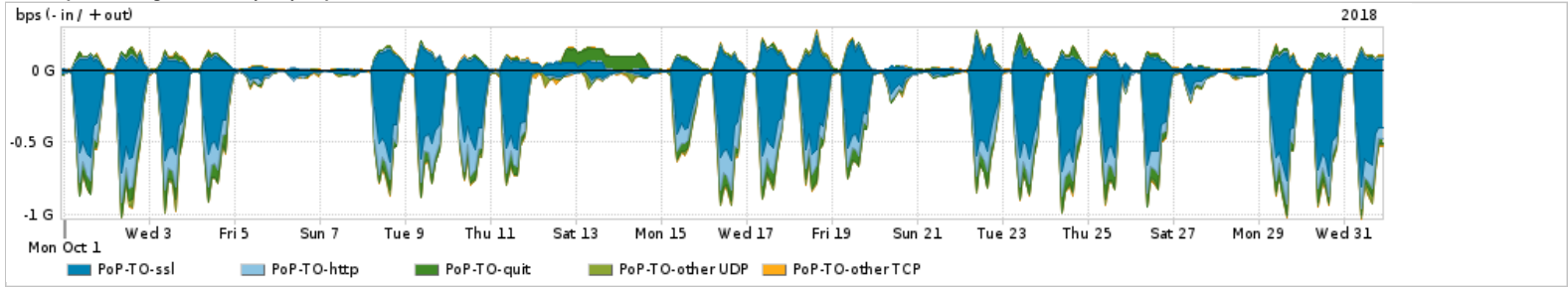
Distribuição do tráfego do PoP-TO por estado, província ou similar



Average | Max | PCT95

	PROFILE	REGION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	California	48.57 Mbps	31.33 Mbps	79.90 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Rio de Janeiro	52.74 Mbps	1.51 Mbps	54.25 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Distrito Federal	27.04 Mbps	785.32 Kbps	27.82 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Washington	20.40 Mbps	2.40 Mbps	22.80 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Delaware	10.18 Mbps	215.72 Kbps	10.40 Mbps
<input type="checkbox"/>	PoP-TO	Massachusetts	6.18 Mbps	337.62 Kbps	6.52 Mbps
<input type="checkbox"/>	PoP-TO	Virginia	3.95 Mbps	1.21 Mbps	5.16 Mbps
<input type="checkbox"/>	PoP-TO	Sao Paulo	3.91 Mbps	1.12 Mbps	5.03 Mbps
<input type="checkbox"/>	PoP-TO	Mato Grosso do Sul	3.52 Mbps	860.36 Kbps	4.38 Mbps
<input type="checkbox"/>	PoP-TO	Arizona	3.95 Mbps	79.86 Kbps	4.03 Mbps
<input type="checkbox"/>	PoP-TO	Tocantins	729.77 Kbps	2.88 Mbps	3.61 Mbps
<input type="checkbox"/>	PoP-TO	Rio Grande do Sul	2.67 Mbps	152.43 Kbps	2.82 Mbps
<input type="checkbox"/>	PoP-TO	Oregon	326.79 Kbps	1.43 Mbps	1.75 Mbps
<input type="checkbox"/>	PoP-TO	Texas	1.07 Mbps	143.27 Kbps	1.21 Mbps
<input type="checkbox"/>	PoP-TO	Quebec	788.52 Kbps	351.99 Kbps	1.14 Mbps

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

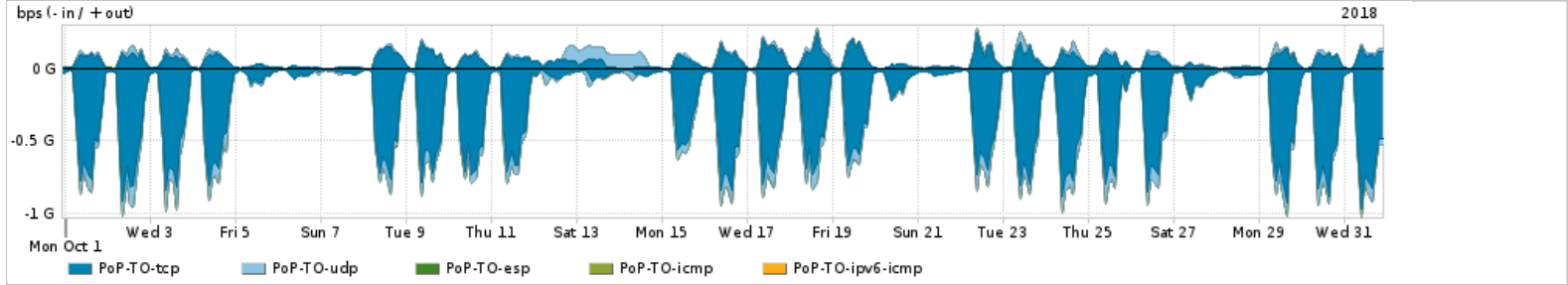


Average | Max | PCT95

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	ssl	205.35 Mbps	43.92 Mbps	249.27 Mbps
<input checked="" type="checkbox"/>	PoP-TO	http	59.11 Mbps	4.13 Mbps	63.24 Mbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	quit	26.94 Mbps	11.70 Mbps	38.64 Mbps
<input checked="" type="checkbox"/>	PoP-TO	other UDP	8.64 Mbps	2.89 Mbps	11.53 Mbps
<input checked="" type="checkbox"/>	PoP-TO	other TCP	4.51 Mbps	2.42 Mbps	6.93 Mbps
<input type="checkbox"/>	PoP-TO	macromedia-fcs	96.48 Kbps	785.99 Kbps	882.47 Kbps
<input type="checkbox"/>	PoP-TO	stun	170.38 Kbps	193.31 Kbps	363.69 Kbps
<input type="checkbox"/>	PoP-TO	qq	10.63 Kbps	314.56 Kbps	325.19 Kbps
<input type="checkbox"/>	PoP-TO	dns	184.97 Kbps	120.39 Kbps	305.36 Kbps
<input type="checkbox"/>	PoP-TO	xmpp	103.57 Kbps	138.29 Kbps	241.87 Kbps

Distribuição do tráfego do PoP-TO por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	tcp	269.38 Mbps	51.89 Mbps	321.27 Mbps
<input checked="" type="checkbox"/>	PoP-TO	udp	35.95 Mbps	14.90 Mbps	50.85 Mbps
<input checked="" type="checkbox"/>	PoP-TO	esp	73.49 Kbps	103.42 Kbps	176.90 Kbps
<input checked="" type="checkbox"/>	PoP-TO	icmp	32.00 Kbps	45.95 Kbps	77.95 Kbps
<input checked="" type="checkbox"/>	PoP-TO	ipv6-icmp	323.00 bps	2.11 Kbps	2.43 Kbps
<input type="checkbox"/>	PoP-TO	gre	27.00 bps	10.00 bps	37.00 bps
<input type="checkbox"/>	PoP-TO	ipv6	0.00 bps	6.00 bps	6.00 bps
<input type="checkbox"/>	PoP-TO	sctp	1.00 bps	0.00 bps	1.00 bps
<input type="checkbox"/>	PoP-TO	ipv6-nonxt	0.00 bps	0.00 bps	0.00 bps

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