

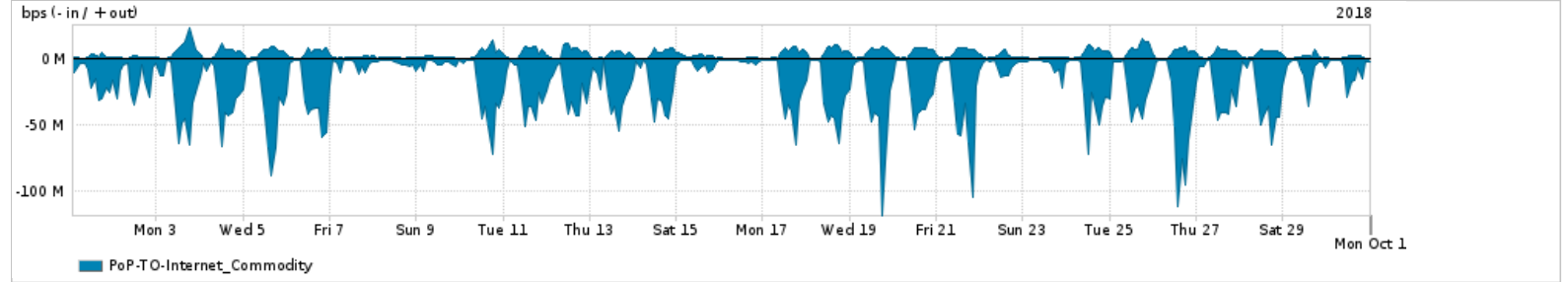
Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).

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)

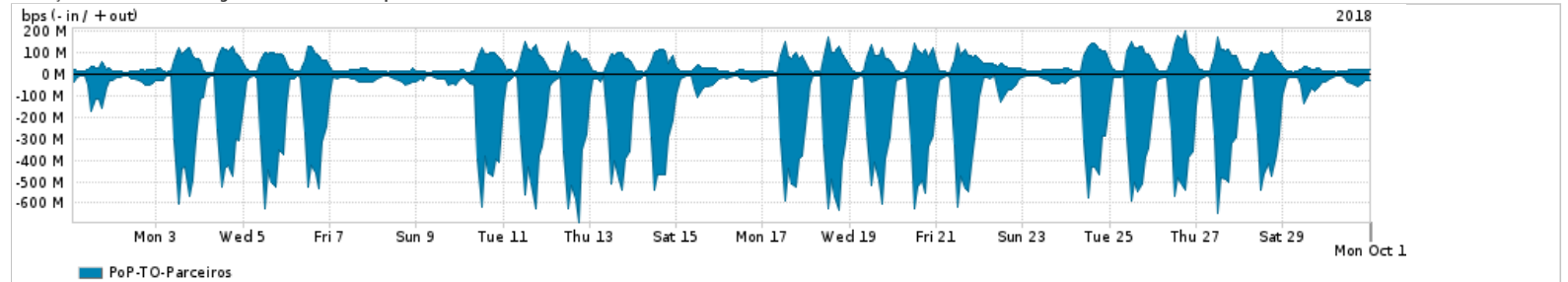
**Utilização do serviço de Internet Commodity pelo PoP-TO**



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-TO	Internet_Commodity	19.39 Mbps	3.92 Mbps	23.31 Mbps

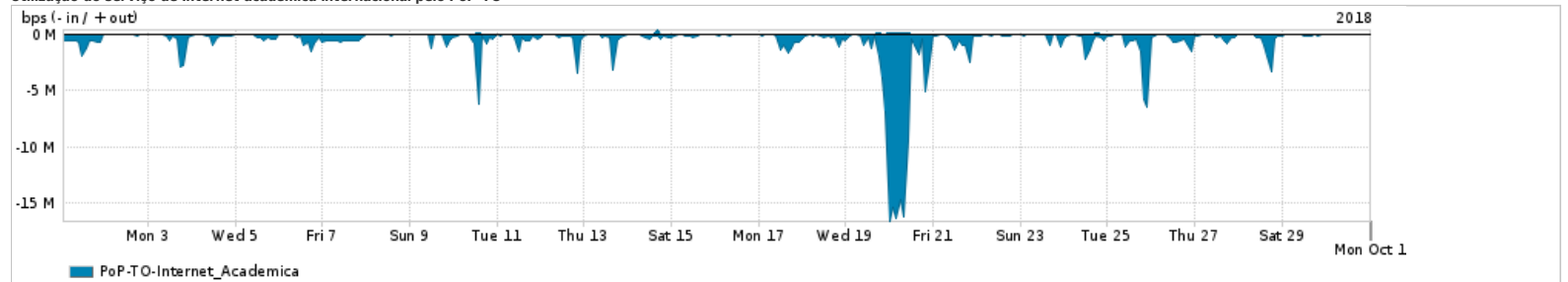
**Utilização das trocas de tráfego comerciais no Brasil pelo PoP-TO**



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-TO	Parceiros	185.80 Mbps	48.18 Mbps	233.97 Mbps

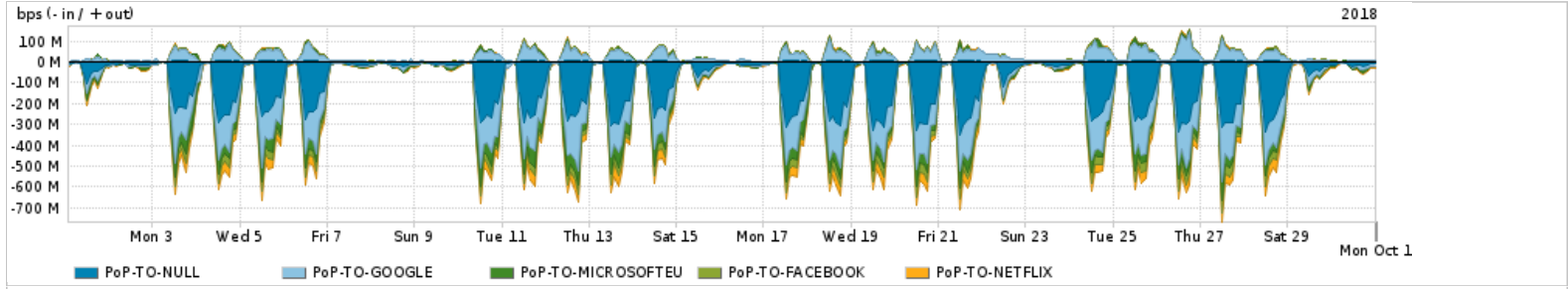
**Utilização do serviço de Internet acadêmica internacional pelo PoP-TO**



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-TO	Internet_Academica	640.85 Kbps	26.24 Kbps	667.09 Kbps

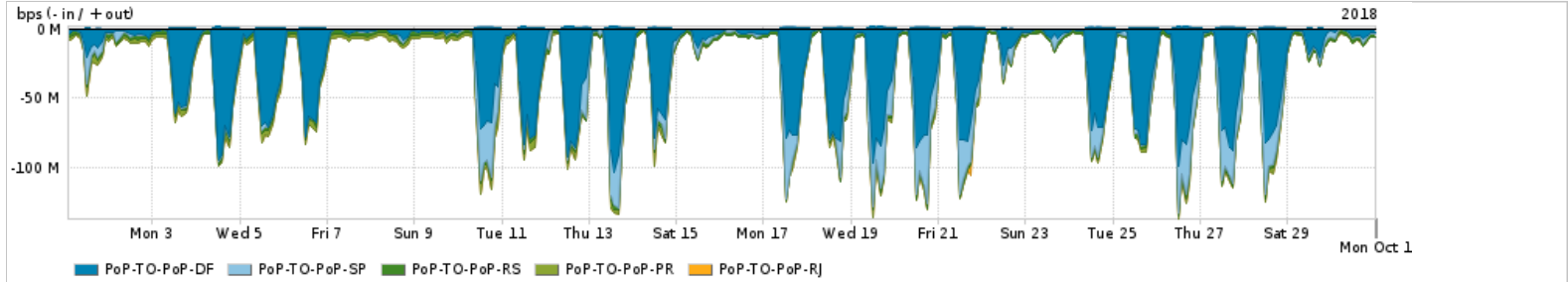
Redes (AS's de origem) mais acessadas pelo PoP-TO



Average | Max | PCT95

	PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	NULL	0	96.70 Mbps	2.28 Mbps	98.98 Mbps
<input checked="" type="checkbox"/>	PoP-TO	GOOGLE	15169	56.65 Mbps	24.11 Mbps	80.76 Mbps
<input checked="" type="checkbox"/>	PoP-TO	MICROSOFTEU	8068	20.80 Mbps	1.61 Mbps	22.41 Mbps
<input checked="" type="checkbox"/>	PoP-TO	FACEBOOK	32934	13.35 Mbps	2.86 Mbps	16.22 Mbps
<input checked="" type="checkbox"/>	PoP-TO	NETFLIX	2906	15.62 Mbps	307.58 Kbps	15.93 Mbps
<input type="checkbox"/>	PoP-TO	AMAZON-02	16509	6.85 Mbps	1.81 Mbps	8.66 Mbps
<input type="checkbox"/>	PoP-TO	AKAMAI-ASN1	20940	6.84 Mbps	345.79 Kbps	7.19 Mbps
<input type="checkbox"/>	PoP-TO	EDGECAST	15133	6.80 Mbps	148.12 Kbps	6.94 Mbps
<input type="checkbox"/>	PoP-TO	INTERCONNECT	262492	5.18 Mbps	111.90 Kbps	5.29 Mbps
<input type="checkbox"/>	PoP-TO	GCEPSA-BR	28604	5.01 Mbps	177.01 Kbps	5.18 Mbps

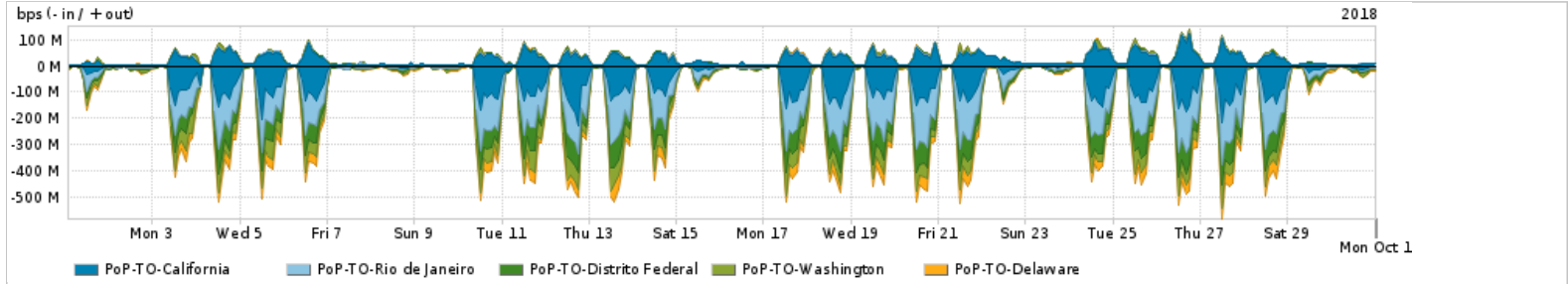
Interesse de tráfego do PoP-TO com os outros PoPs da RNP



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	PoP-DF	24.91 Mbps	408.65 Kbps	25.32 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-SP	5.93 Mbps	118.71 Kbps	6.05 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-RS	2.35 Mbps	16.00 bps	2.35 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-PR	1.71 Mbps	0.00 bps	1.71 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-RJ	19.93 Kbps	502.00 bps	20.44 Kbps
<input type="checkbox"/>	PoP-TO	PoP-SC	977.00 bps	0.00 bps	977.00 bps
<input type="checkbox"/>	PoP-TO	PoP-MG	0.00 bps	114.00 bps	114.00 bps
<input type="checkbox"/>	PoP-TO	PoP-TO	2.00 bps	2.00 bps	4.00 bps
<input type="checkbox"/>	PoP-TO	PoP-GO	0.00 bps	0.00 bps	0.00 bps

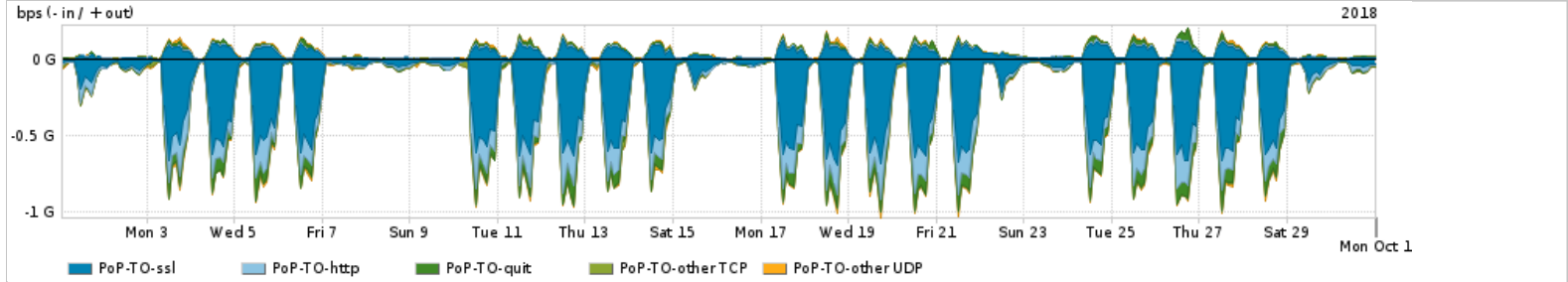
Distribuição do tráfego do PoP-TO por estado, província ou similar



Average | Max | PCT95

	PROFILE	REGION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	California	44.60 Mbps	22.13 Mbps	66.73 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Rio de Janeiro	50.04 Mbps	1.51 Mbps	51.55 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Distrito Federal	25.34 Mbps	796.00 Kbps	26.14 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Washington	21.54 Mbps	1.96 Mbps	23.51 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Delaware	13.34 Mbps	258.94 Kbps	13.60 Mbps
<input type="checkbox"/>	PoP-TO	Massachusetts	7.52 Mbps	363.12 Kbps	7.88 Mbps
<input type="checkbox"/>	PoP-TO	Tocantins	1.47 Mbps	4.18 Mbps	5.65 Mbps
<input type="checkbox"/>	PoP-TO	Sao Paulo	3.90 Mbps	1.25 Mbps	5.15 Mbps
<input type="checkbox"/>	PoP-TO	Virginia	3.65 Mbps	1.16 Mbps	4.81 Mbps
<input type="checkbox"/>	PoP-TO	Arizona	4.59 Mbps	97.47 Kbps	4.68 Mbps
<input type="checkbox"/>	PoP-TO	Rio Grande do Sul	2.63 Mbps	140.88 Kbps	2.77 Mbps
<input type="checkbox"/>	PoP-TO	Goias	1.13 Mbps	445.78 Kbps	1.57 Mbps
<input type="checkbox"/>	PoP-TO	Oregon	373.16 Kbps	1.16 Mbps	1.54 Mbps
<input type="checkbox"/>	PoP-TO	Quebec	943.62 Kbps	508.06 Kbps	1.45 Mbps
<input type="checkbox"/>	PoP-TO	Texas	936.46 Kbps	113.60 Kbps	1.05 Mbps

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

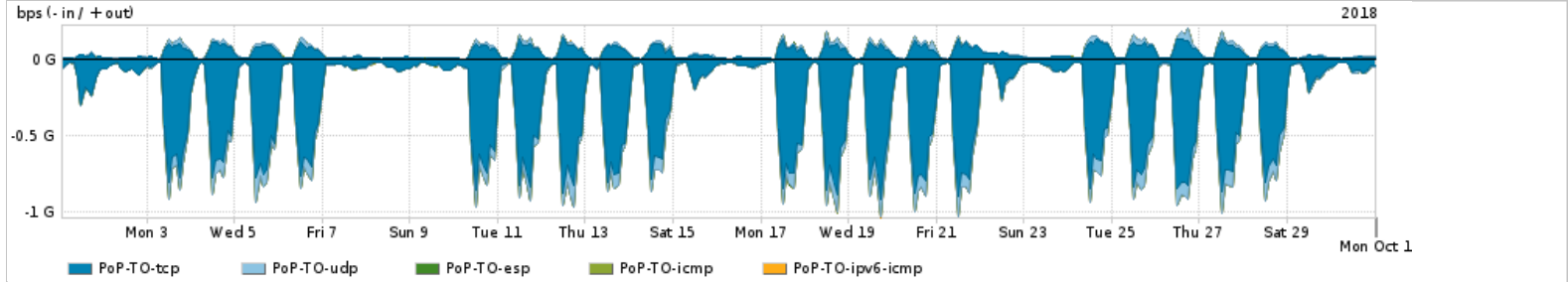


Average | Max | PCT95

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	ssl	208.25 Mbps	36.59 Mbps	244.84 Mbps
<input checked="" type="checkbox"/>	PoP-TO	http	61.04 Mbps	5.17 Mbps	66.21 Mbps
<input checked="" type="checkbox"/>	PoP-TO	quit	25.99 Mbps	5.87 Mbps	31.85 Mbps
<input checked="" type="checkbox"/>	PoP-TO	other TCP	5.99 Mbps	2.93 Mbps	8.92 Mbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	other UDP	4.31 Mbps	2.71 Mbps	7.02 Mbps
<input type="checkbox"/>	PoP-TO	stun	201.59 Kbps	216.63 Kbps	418.22 Kbps
<input type="checkbox"/>	PoP-TO	qq	10.31 Kbps	331.70 Kbps	342.01 Kbps
<input type="checkbox"/>	PoP-TO	dns	186.98 Kbps	116.14 Kbps	303.12 Kbps
<input type="checkbox"/>	PoP-TO	xmpp	97.95 Kbps	119.98 Kbps	217.93 Kbps
<input type="checkbox"/>	PoP-TO	ssh	48.95 Kbps	101.09 Kbps	150.04 Kbps

Distribuição do tráfego do PoP-TO por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	tcp	275.69 Mbps	45.29 Mbps	320.99 Mbps
<input checked="" type="checkbox"/>	PoP-TO	udp	30.69 Mbps	8.91 Mbps	39.60 Mbps
<input checked="" type="checkbox"/>	PoP-TO	esp	93.58 Kbps	114.23 Kbps	207.81 Kbps
<input checked="" type="checkbox"/>	PoP-TO	icmp	67.47 Kbps	85.42 Kbps	152.89 Kbps
<input checked="" type="checkbox"/>	PoP-TO	ipv6-icmp	238.00 bps	3.02 Kbps	3.26 Kbps
<input type="checkbox"/>	PoP-TO	ipv6-nonxt	0.00 bps	0.00 bps	0.00 bps
<input type="checkbox"/>	PoP-TO	ipencap	0.00 bps	0.00 bps	0.00 bps

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