

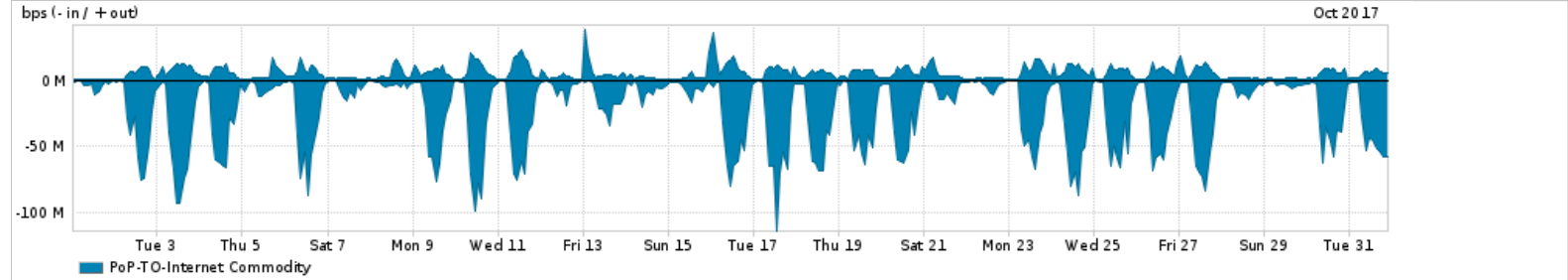
Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).

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)

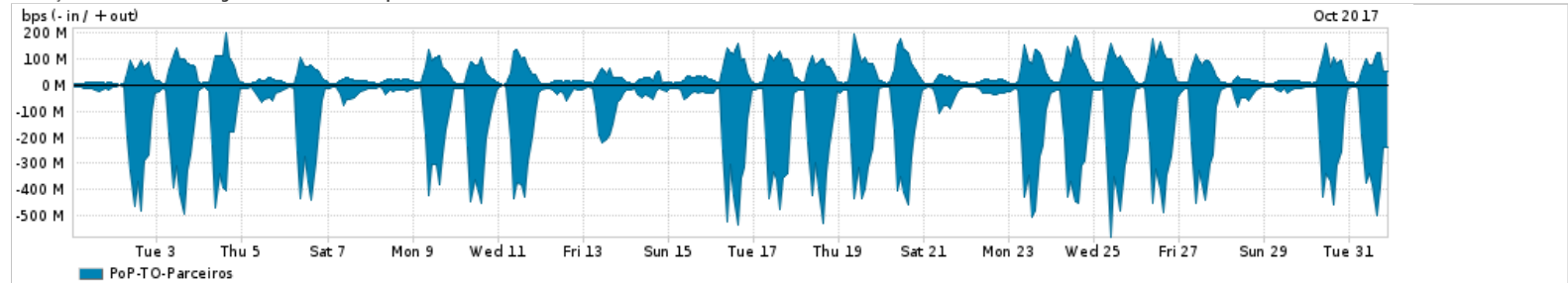
**Utilização do serviço de Internet Commodity pelo PoP-TO**



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
X	PoP-TO	Internet Commodity	22.81 Mbps	5.47 Mbps	28.29 Mbps

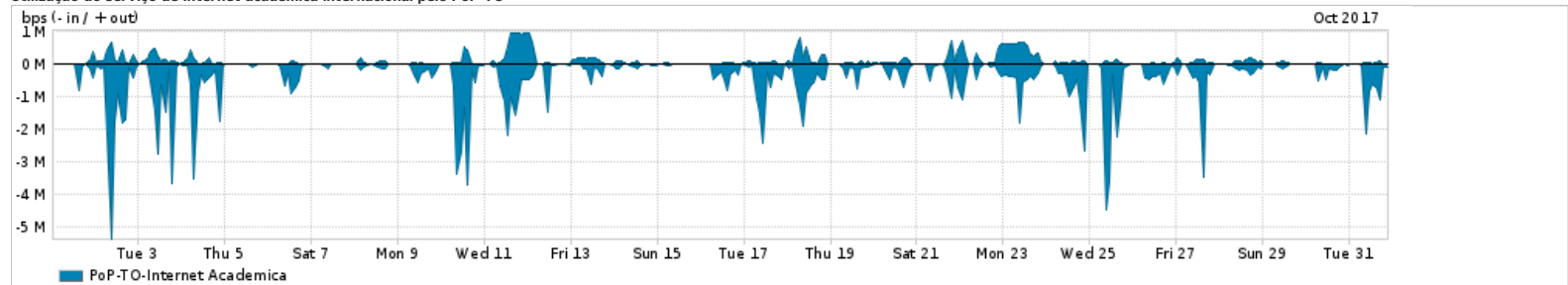
**Utilização das trocas de tráfego comerciais no Brasil pelo PoP-TO**



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
X	PoP-TO	Parceiros	143.35 Mbps	46.11 Mbps	189.46 Mbps

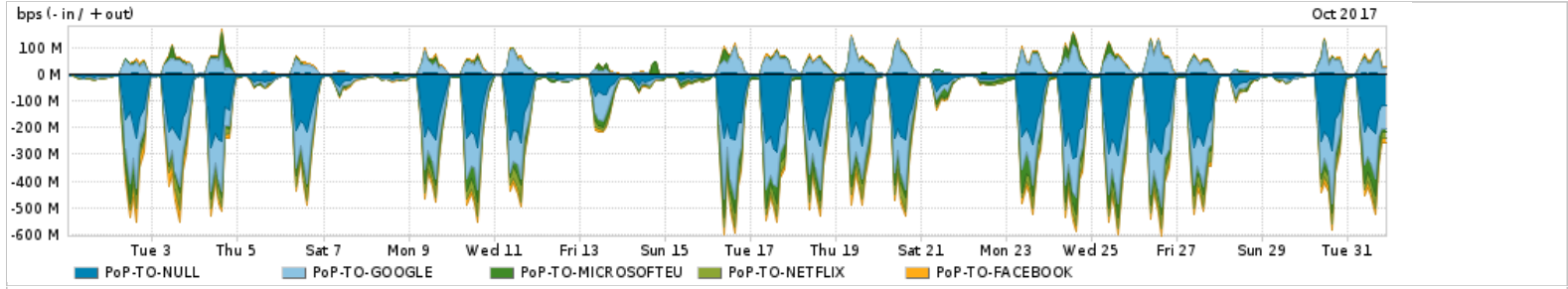
**Utilização do serviço de Internet acadêmica internacional pelo PoP-TO**



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
X	PoP-TO	Internet Academica	374.71 Kbps	96.61 Kbps	471.32 Kbps

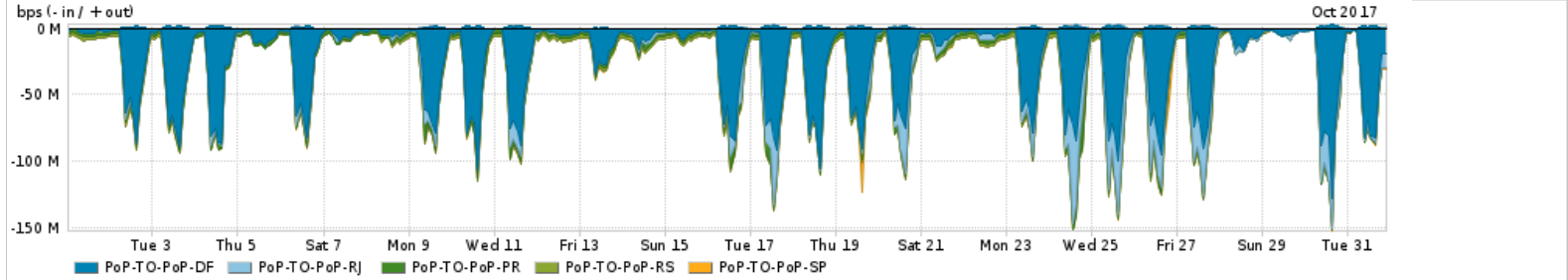
Redes (AS's de origem) mais acessadas pelo PoP-TO



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	NULL	0	79.30 Mbps	2.00 Mbps	81.31 Mbps
<input checked="" type="checkbox"/>	PoP-TO	GOOGLE	15169	46.32 Mbps	20.94 Mbps	67.26 Mbps
<input checked="" type="checkbox"/>	PoP-TO	MICROSOFTEU	8068	15.24 Mbps	3.06 Mbps	18.30 Mbps
<input checked="" type="checkbox"/>	PoP-TO	NETFLIX	2906	13.81 Mbps	275.56 Kbps	14.09 Mbps
<input checked="" type="checkbox"/>	PoP-TO	FACEBOOK	32934	9.04 Mbps	2.39 Mbps	11.43 Mbps
<input type="checkbox"/>	PoP-TO	AKAMAI-ASN1	20940	8.30 Mbps	275.93 Kbps	8.58 Mbps
<input type="checkbox"/>	PoP-TO	GCEPSA-BR	28604	6.91 Mbps	260.24 Kbps	7.17 Mbps
<input type="checkbox"/>	PoP-TO	AMAZON-02	16509	3.96 Mbps	885.28 Kbps	4.85 Mbps
<input type="checkbox"/>	PoP-TO	BTSADF-BR	8167	955.47 Kbps	2.66 Mbps	3.61 Mbps
<input type="checkbox"/>	PoP-TO	LEVEL3-AS3549	3549	3.21 Mbps	77.86 Kbps	3.29 Mbps

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

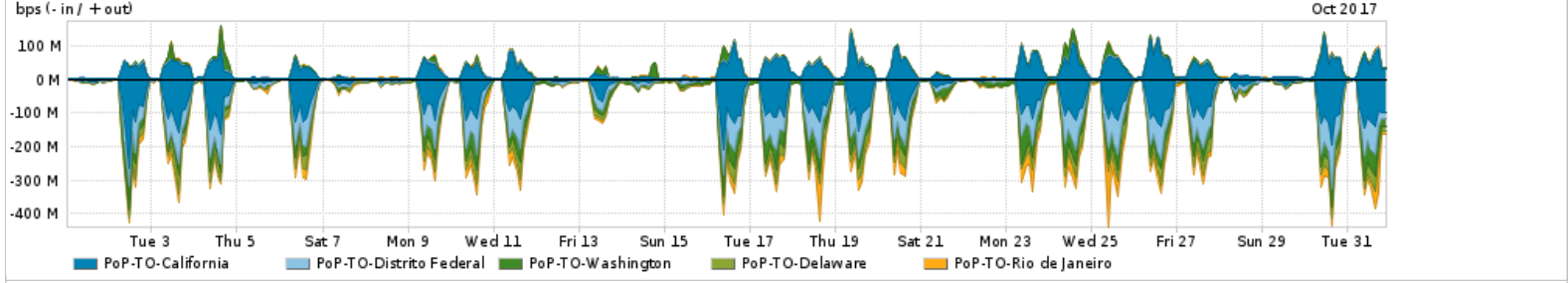


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	PoP-DF	24.34 Mbps	565.52 Kbps	24.91 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-RJ	4.26 Mbps	92.30 Kbps	4.35 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-PR	2.79 Mbps	0.00 bps	2.79 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-RS	1.58 Mbps	114.00 bps	1.58 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-SP	210.67 Kbps	3.13 Kbps	213.80 Kbps
<input type="checkbox"/>	PoP-TO	PoP-TO	12.96 Kbps	12.96 Kbps	25.93 Kbps
<input type="checkbox"/>	PoP-TO	PoP-MG	127.00 bps	1.19 Kbps	1.32 Kbps
<input type="checkbox"/>	PoP-TO	PoP-MA	642.00 bps	0.00 bps	642.00 bps
<input type="checkbox"/>	PoP-TO	PoP-SC	547.00 bps	3.00 bps	550.00 bps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-TO	PoP-PI	40.00 bps	0.00 bps	40.00 bps

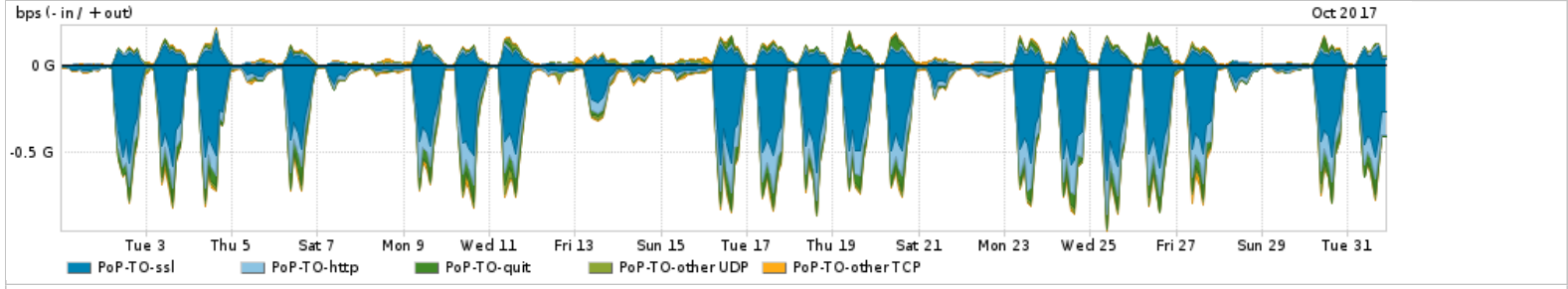
Distribuição do tráfego do PoP-TO por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	California	38.89 Mbps	21.40 Mbps	60.29 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Distrito Federal	24.84 Mbps	1.15 Mbps	25.99 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Washington	16.11 Mbps	3.37 Mbps	19.49 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Delaware	11.43 Mbps	220.39 Kbps	11.65 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Rio de Janeiro	10.18 Mbps	836.43 Kbps	11.02 Mbps
<input type="checkbox"/>	PoP-TO	Sao Paulo	3.79 Mbps	1.71 Mbps	5.50 Mbps
<input type="checkbox"/>	PoP-TO	Massachusetts	4.06 Mbps	252.54 Kbps	4.31 Mbps
<input type="checkbox"/>	PoP-TO	Virginia	2.41 Mbps	897.36 Kbps	3.30 Mbps
<input type="checkbox"/>	PoP-TO	Arizona	3.19 Mbps	86.87 Kbps	3.28 Mbps
<input type="checkbox"/>	PoP-TO	Tocantins	466.09 Kbps	2.31 Mbps	2.78 Mbps
<input type="checkbox"/>	PoP-TO	Noord-Holland	1.79 Mbps	70.57 Kbps	1.86 Mbps
<input type="checkbox"/>	PoP-TO	Parana	1.21 Mbps	456.69 Kbps	1.67 Mbps
<input type="checkbox"/>	PoP-TO	Texas	1.39 Mbps	231.65 Kbps	1.62 Mbps
<input type="checkbox"/>	PoP-TO	Florida	960.50 Kbps	179.34 Kbps	1.14 Mbps
<input type="checkbox"/>	PoP-TO	Minas Gerais	464.55 Kbps	635.09 Kbps	1.10 Mbps

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

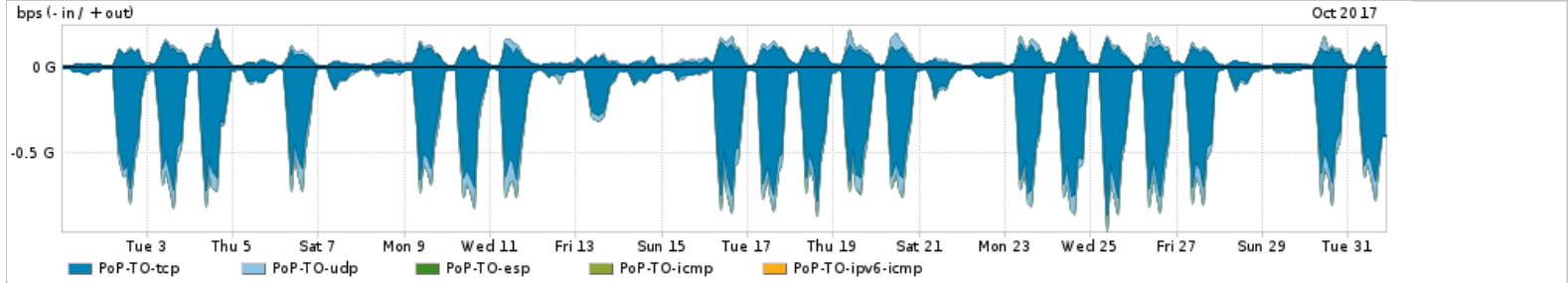


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	ssl	159.89 Mbps	31.86 Mbps	191.75 Mbps
<input checked="" type="checkbox"/>	PoP-TO	http	51.82 Mbps	5.80 Mbps	57.62 Mbps

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	quit	22.27 Mbps	4.77 Mbps	27.04 Mbps
<input checked="" type="checkbox"/>	PoP-TO	other UDP	7.22 Mbps	5.45 Mbps	12.67 Mbps
<input checked="" type="checkbox"/>	PoP-TO	other TCP	7.43 Mbps	4.23 Mbps	11.67 Mbps
<input type="checkbox"/>	PoP-TO	ssh	815.63 Kbps	685.93 Kbps	1.50 Mbps
<input type="checkbox"/>	PoP-TO	dns	256.44 Kbps	119.11 Kbps	375.54 Kbps
<input type="checkbox"/>	PoP-TO	xmpp	105.17 Kbps	180.55 Kbps	285.72 Kbps
<input type="checkbox"/>	PoP-TO	stun	102.78 Kbps	128.26 Kbps	231.05 Kbps
<input type="checkbox"/>	PoP-TO	qq	26.99 Kbps	197.36 Kbps	224.35 Kbps

Distribuição do tráfego do PoP-TO por protocolo



Average | Max | PCT95

PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	tcp	220.41 Mbps	43.10 Mbps	263.51 Mbps
<input checked="" type="checkbox"/>	PoP-TO	udp	29.84 Mbps	10.47 Mbps	40.31 Mbps
<input checked="" type="checkbox"/>	PoP-TO	esp	54.33 Kbps	114.68 Kbps	169.01 Kbps
<input checked="" type="checkbox"/>	PoP-TO	icmp	28.01 Kbps	25.97 Kbps	53.98 Kbps
<input checked="" type="checkbox"/>	PoP-TO	ipv6-icmp	1.01 Kbps	1.75 Kbps	2.77 Kbps
<input type="checkbox"/>	PoP-TO	ipv6-nonxt	2.00 bps	0.00 bps	2.00 bps
<input type="checkbox"/>	PoP-TO	ipv6	0.00 bps	0.00 bps	0.00 bps
<input type="checkbox"/>	PoP-TO	gre	0.00 bps	0.00 bps	0.00 bps

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