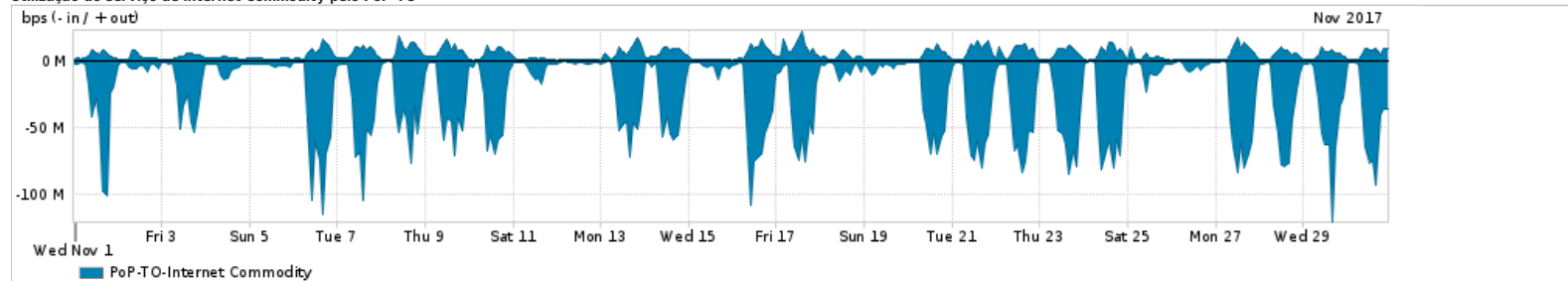


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

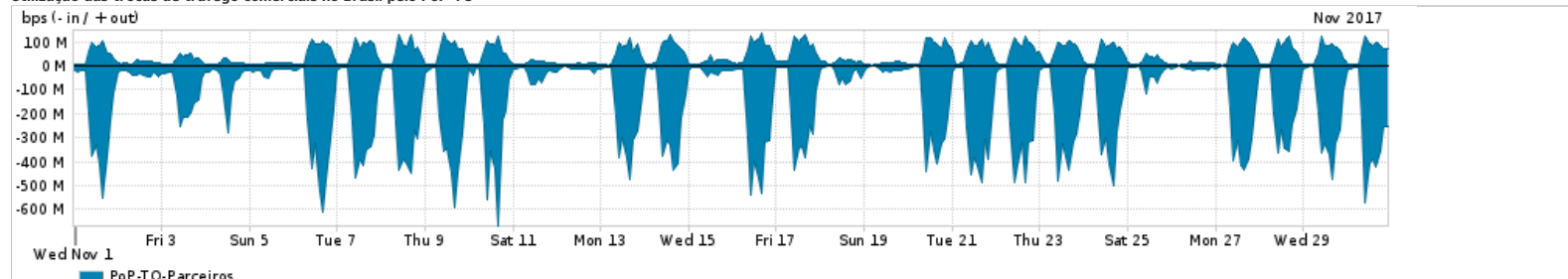
Legenda:  
 PoP - Ponto de presença da RNP  
 Parceiros - Provedores comerciais que a RNP mantém acordos de troca de tráfego  
 Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara  
 Internet commodity - Acesso pago à Internet global que é oferecido 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



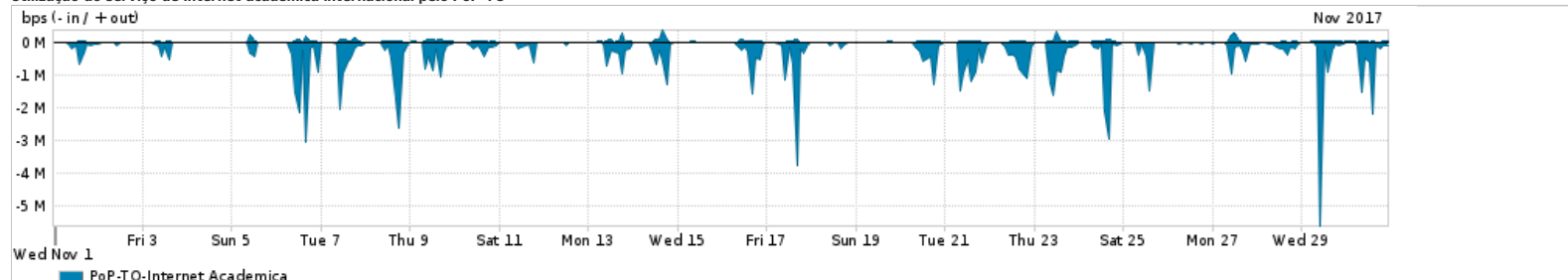
PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-TO	Internet Commodity	25.35 Mbps	4.98 Mbps	30.33 Mbps

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



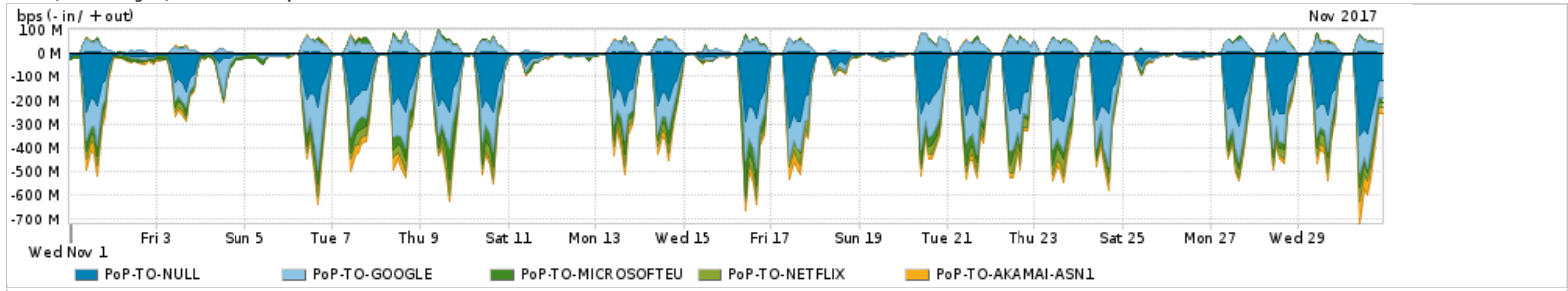
PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-TO	Parceiros	153.05 Mbps	41.89 Mbps	194.95 Mbps

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



PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-TO	Internet Academica	245.83 Kbps	24.30 Kbps	270.13 Kbps

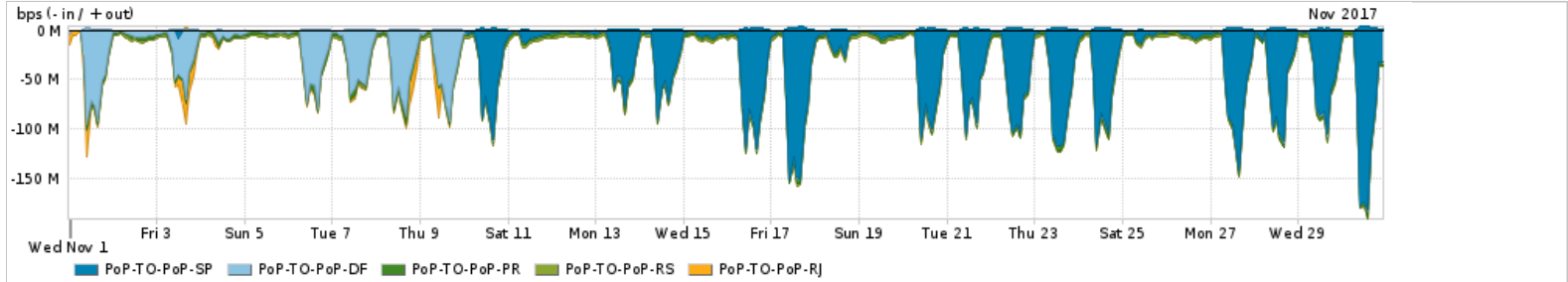
Redes (AS's de origem) mais acessadas pelo PoP-TO



Average | Max | PCT95

	PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	NULLE	0	81.40 Mbps	2.13 Mbps	83.53 Mbps
<input checked="" type="checkbox"/>	PoP-TO	GOOGLE	15169	48.16 Mbps	19.31 Mbps	67.47 Mbps
<input checked="" type="checkbox"/>	PoP-TO	MICROSOFTEU	8068	17.48 Mbps	1.71 Mbps	19.19 Mbps
<input checked="" type="checkbox"/>	PoP-TO	NETFLIX	2906	14.19 Mbps	251.76 Kbps	14.44 Mbps
<input checked="" type="checkbox"/>	PoP-TO	AKAMAI-ASN1	20940	10.92 Mbps	367.77 Kbps	11.29 Mbps
<input type="checkbox"/>	PoP-TO	FACEBOOK	32934	8.59 Mbps	2.11 Mbps	10.70 Mbps
<input type="checkbox"/>	PoP-TO	AMAZON-02	16509	6.09 Mbps	1.06 Mbps	7.15 Mbps
<input type="checkbox"/>	PoP-TO	GCEPSA-BR	28604	5.50 Mbps	245.49 Kbps	5.75 Mbps
<input type="checkbox"/>	PoP-TO	EDGECAST	15133	3.81 Mbps	96.28 Kbps	3.91 Mbps
<input type="checkbox"/>	PoP-TO	BTSADF-BR	8167	883.13 Kbps	2.55 Mbps	3.43 Mbps

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

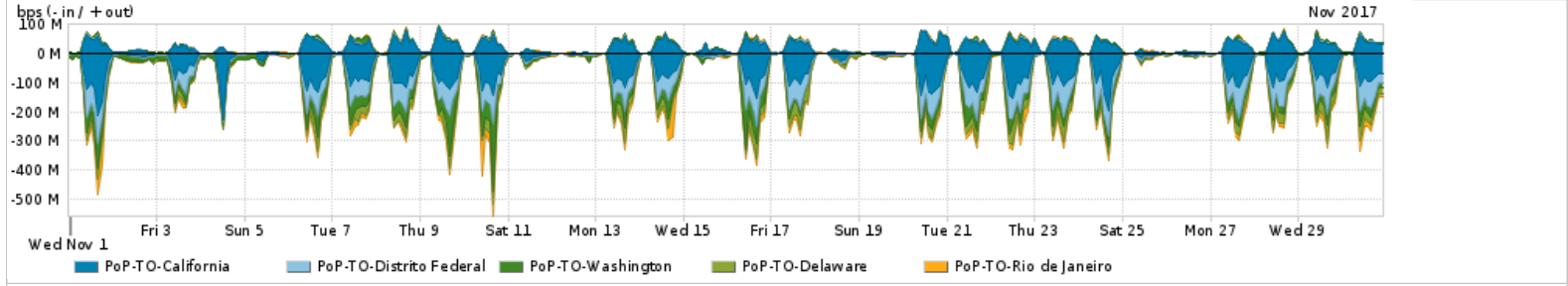


Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	PoP-SP	24.13 Mbps	532.55 Kbps	24.66 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-DF	7.19 Mbps	140.50 Kbps	7.33 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-PR	2.80 Mbps	0.00 bps	2.80 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-RS	2.04 Mbps	59.00 bps	2.04 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-RJ	845.78 Kbps	18.59 Kbps	864.37 Kbps
<input type="checkbox"/>	PoP-TO	PoP-SC	897.00 bps	3.00 bps	900.00 bps
<input type="checkbox"/>	PoP-TO	PoP-MG	0.00 bps	763.00 bps	763.00 bps
<input type="checkbox"/>	PoP-TO	PoP-PI	469.00 bps	0.00 bps	469.00 bps
<input type="checkbox"/>	PoP-TO	PoP-RN	202.00 bps	0.00 bps	202.00 bps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-TO	PoP-MA	122.00 bps	0.00 bps	122.00 bps

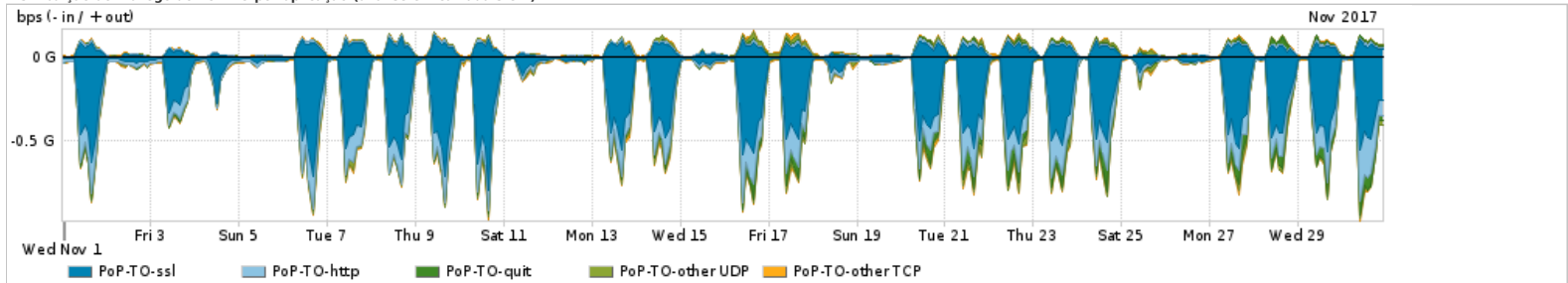
Distribuição do tráfego do PoP-TO por estado, província ou similar



Average | Max | PCT95

	PROFILE	REGION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	California	40.08 Mbps	19.01 Mbps	59.10 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Distrito Federal	25.46 Mbps	1.03 Mbps	26.49 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Washington	18.16 Mbps	1.94 Mbps	20.10 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Delaware	12.38 Mbps	213.78 Kbps	12.59 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Rio de Janeiro	7.56 Mbps	647.13 Kbps	8.21 Mbps
<input type="checkbox"/>	PoP-TO	Sao Paulo	3.89 Mbps	1.54 Mbps	5.43 Mbps
<input type="checkbox"/>	PoP-TO	Massachusetts	4.73 Mbps	316.97 Kbps	5.05 Mbps
<input type="checkbox"/>	PoP-TO	Arizona	4.03 Mbps	98.23 Kbps	4.13 Mbps
<input type="checkbox"/>	PoP-TO	Virginia	3.01 Mbps	1.00 Mbps	4.02 Mbps
<input type="checkbox"/>	PoP-TO	Tocantins	419.02 Kbps	2.25 Mbps	2.67 Mbps
<input type="checkbox"/>	PoP-TO	Noord-Holland	2.00 Mbps	80.48 Kbps	2.09 Mbps
<input type="checkbox"/>	PoP-TO	Texas	1.55 Mbps	198.99 Kbps	1.75 Mbps
<input type="checkbox"/>	PoP-TO	Quebec	1.21 Mbps	212.65 Kbps	1.42 Mbps
<input type="checkbox"/>	PoP-TO	Parana	1.03 Mbps	261.46 Kbps	1.29 Mbps
<input type="checkbox"/>	PoP-TO	Florida	792.80 Kbps	119.39 Kbps	912.19 Kbps

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

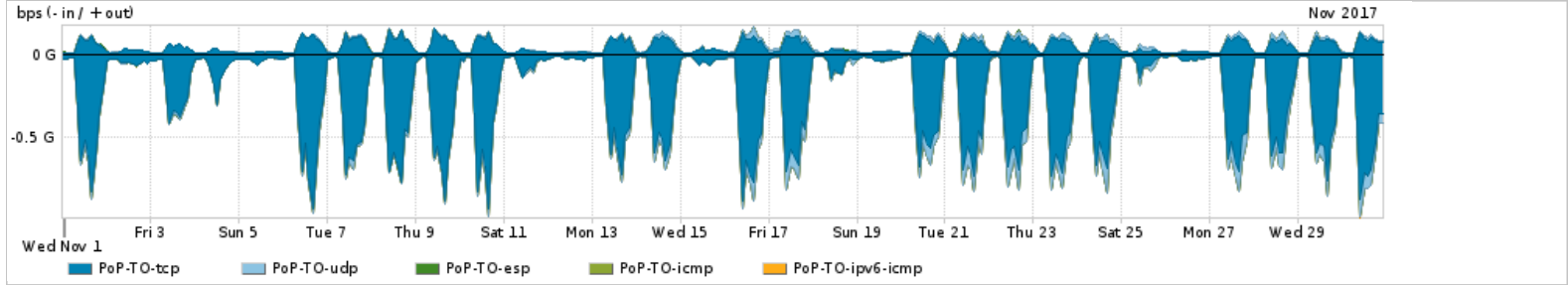


Average | Max | PCT95

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	ssl	174.45 Mbps	30.96 Mbps	205.41 Mbps
<input checked="" type="checkbox"/>	PoP-TO	http	59.51 Mbps	6.13 Mbps	65.64 Mbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	quit	14.32 Mbps	2.52 Mbps	16.84 Mbps
<input checked="" type="checkbox"/>	PoP-TO	other UDP	8.58 Mbps	4.64 Mbps	13.22 Mbps
<input checked="" type="checkbox"/>	PoP-TO	other TCP	6.99 Mbps	3.46 Mbps	10.45 Mbps
<input type="checkbox"/>	PoP-TO	ssh	247.29 Kbps	224.43 Kbps	471.72 Kbps
<input type="checkbox"/>	PoP-TO	dns	253.79 Kbps	122.13 Kbps	375.93 Kbps
<input type="checkbox"/>	PoP-TO	xmpp	113.42 Kbps	257.74 Kbps	371.16 Kbps
<input type="checkbox"/>	PoP-TO	qq	12.13 Kbps	187.37 Kbps	199.50 Kbps
<input type="checkbox"/>	PoP-TO	stun	75.00 Kbps	107.25 Kbps	182.25 Kbps

Distribuição do tráfego do PoP-TO por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	tcp	241.74 Mbps	41.53 Mbps	283.27 Mbps
<input checked="" type="checkbox"/>	PoP-TO	udp	23.23 Mbps	7.39 Mbps	30.62 Mbps
<input checked="" type="checkbox"/>	PoP-TO	esp	37.47 Kbps	94.25 Kbps	131.71 Kbps
<input checked="" type="checkbox"/>	PoP-TO	icmp	25.33 Kbps	26.58 Kbps	51.91 Kbps
<input checked="" type="checkbox"/>	PoP-TO	ipv6-icmp	549.00 bps	1.21 Kbps	1.76 Kbps
<input type="checkbox"/>	PoP-TO	gre	23.00 bps	7.00 bps	30.00 bps
<input type="checkbox"/>	PoP-TO	ipv6	0.00 bps	1.00 bps	1.00 bps
<input type="checkbox"/>	PoP-TO	sctp	0.00 bps	0.00 bps	0.00 bps

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