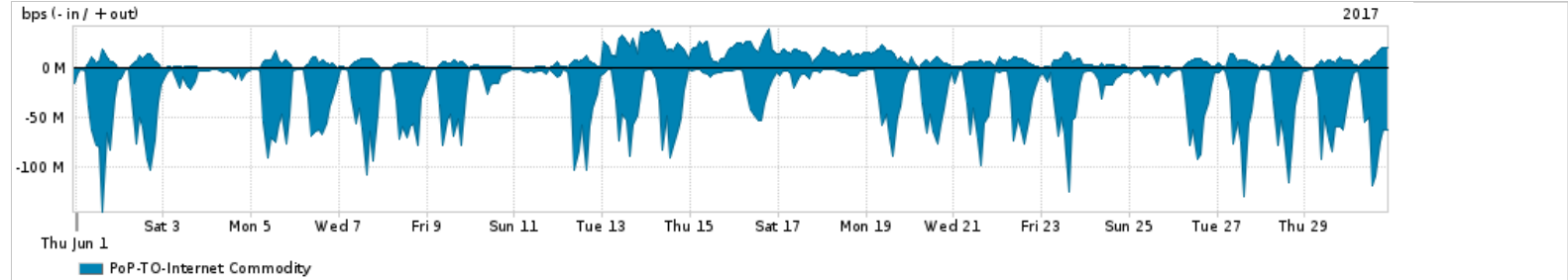


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

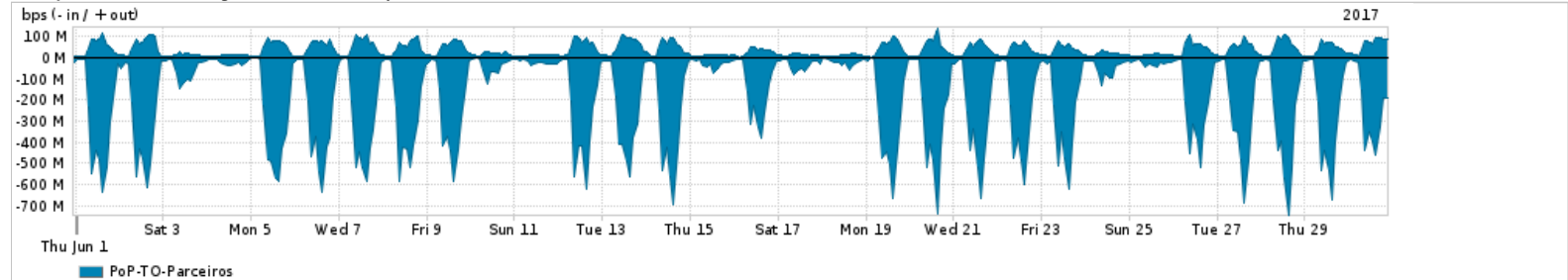
Utilização do serviço de Internet Commodity pelo PoP-TO



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
X	PoP-TO	Internet Commodity	29.39 Mbps	8.49 Mbps	37.88 Mbps

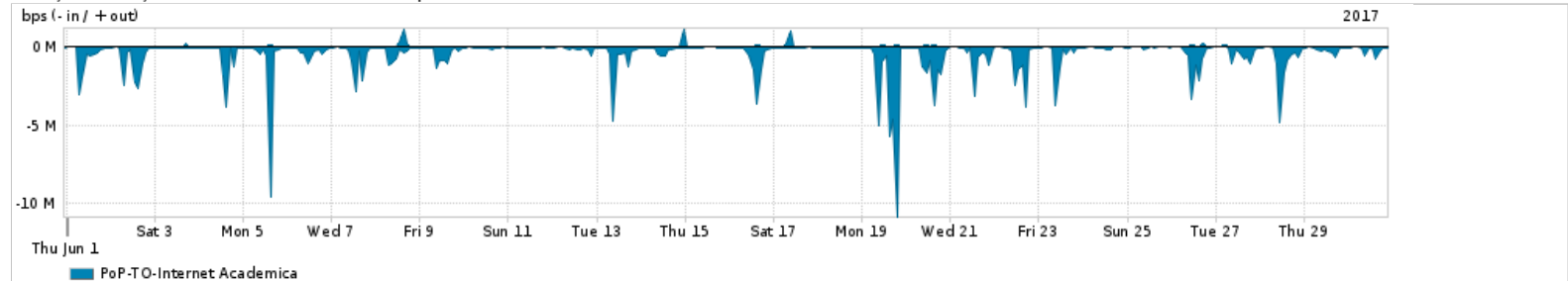
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-TO



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
X	PoP-TO	Parceiros	187.02 Mbps	35.92 Mbps	222.94 Mbps

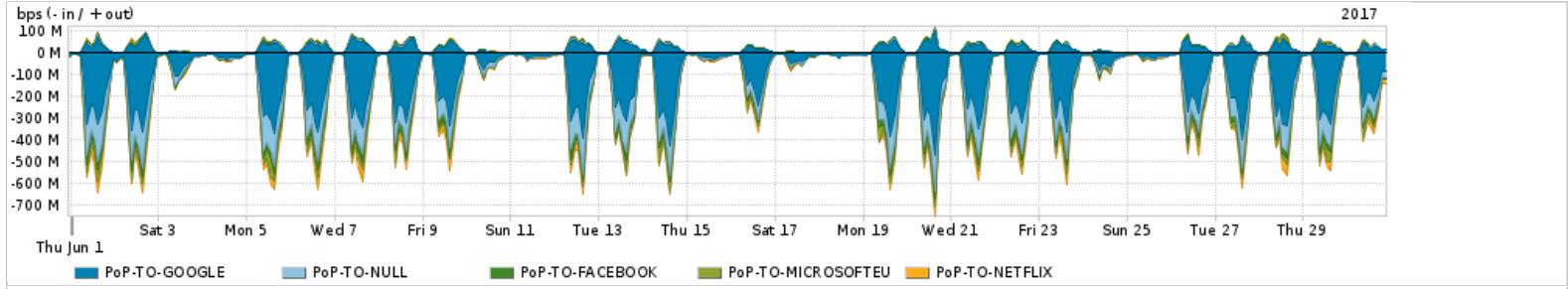
Utilização do serviço de Internet acadêmica internacional pelo PoP-TO



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
X	PoP-TO	Internet Academica	450.43 Kbps	28.24 Kbps	478.67 Kbps

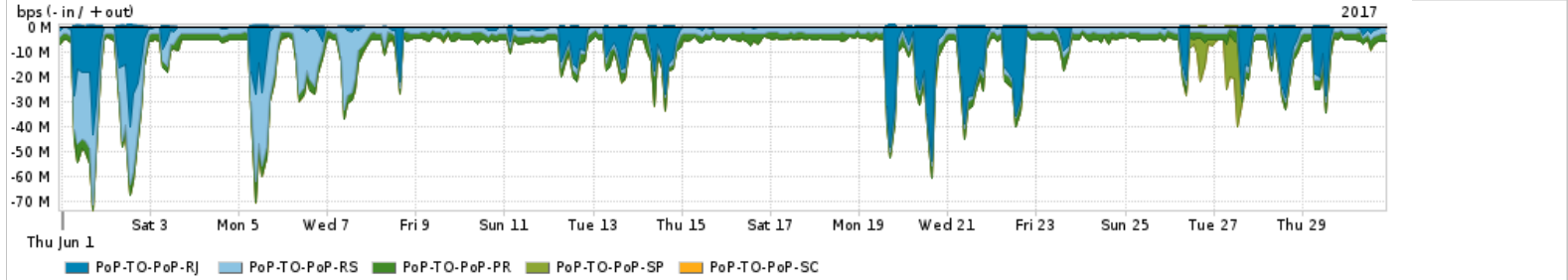
Redes (AS's de origem) mais acessadas pelo PoP-TO



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	GOOGLE	15169	102.63 Mbps	17.32 Mbps	119.95 Mbps
<input checked="" type="checkbox"/>	PoP-TO	NULL	0	42.28 Mbps	1.09 Mbps	43.36 Mbps
<input checked="" type="checkbox"/>	PoP-TO	FACEBOOK	32934	11.84 Mbps	2.45 Mbps	14.28 Mbps
<input checked="" type="checkbox"/>	PoP-TO	MICROSOFTEU	8068	11.30 Mbps	1.20 Mbps	12.50 Mbps
<input checked="" type="checkbox"/>	PoP-TO	NETFLIX	2906	11.25 Mbps	205.58 Kbps	11.45 Mbps
<input type="checkbox"/>	PoP-TO	GCEPSABR	28604	6.66 Mbps	316.02 Kbps	6.98 Mbps
<input type="checkbox"/>	PoP-TO	AMAZON-02	16509	5.17 Mbps	825.43 Kbps	6.00 Mbps
<input type="checkbox"/>	PoP-TO	EDGECAST	15133	3.28 Mbps	27.15 Kbps	3.30 Mbps
<input type="checkbox"/>	PoP-TO	AKAMAI-ASN1	20940	3.15 Mbps	124.41 Kbps	3.27 Mbps
<input type="checkbox"/>	PoP-TO	DCLUX	24611	3.07 Mbps	130.61 Kbps	3.21 Mbps

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

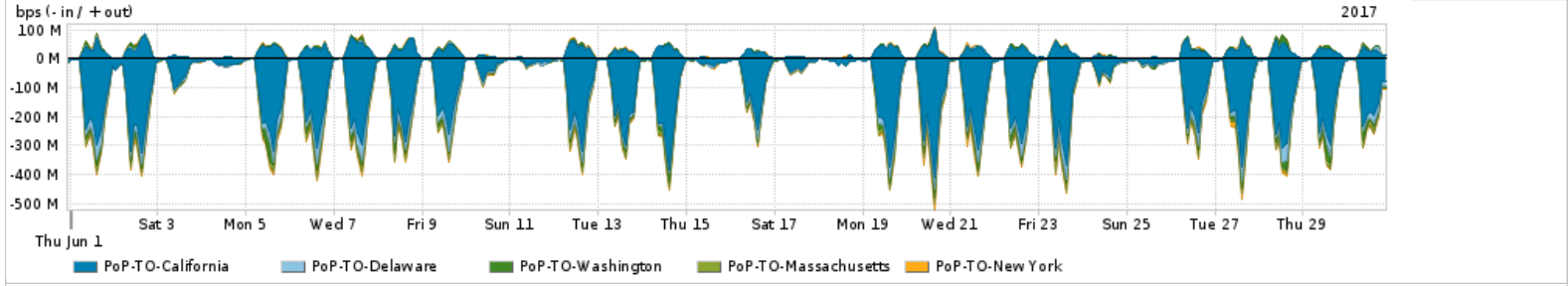


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	PoP-RJ	4.88 Mbps	55.34 Kbps	4.94 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-RS	4.28 Mbps	47.59 Kbps	4.33 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-PR	2.92 Mbps	0.00 bps	2.92 Mbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-SP	413.50 Kbps	3.37 Kbps	416.87 Kbps
<input checked="" type="checkbox"/>	PoP-TO	PoP-SC	490.00 bps	4.00 bps	494.00 bps
<input type="checkbox"/>	PoP-TO	PoP-DF	0.00 bps	129.00 bps	129.00 bps
<input type="checkbox"/>	PoP-TO	PoP-TO	6.00 bps	6.00 bps	12.00 bps
<input type="checkbox"/>	PoP-TO	PoP-MT	0.00 bps	0.00 bps	0.00 bps
<input type="checkbox"/>	PoP-TO	PoP-MG	0.00 bps	0.00 bps	0.00 bps

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

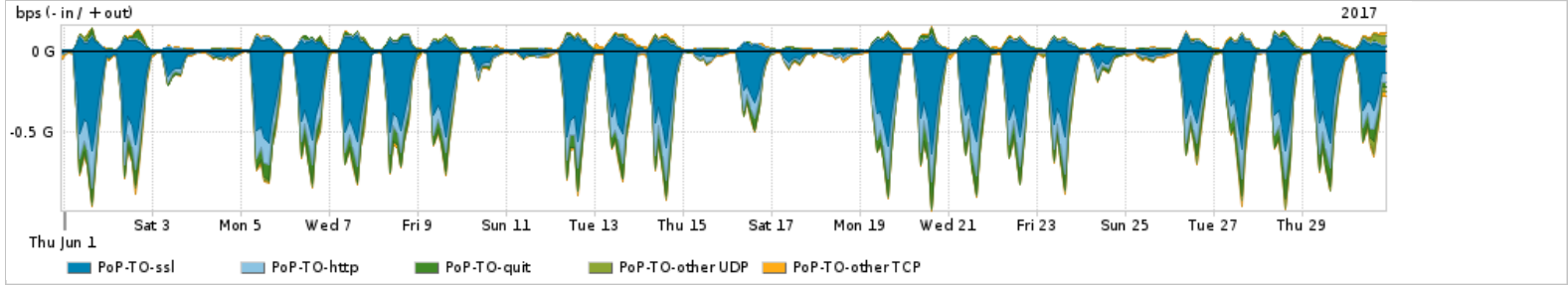
Distribuição do tráfego do PoP-TO por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	California	93.99 Mbps	16.46 Mbps	110.46 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Delaware	10.87 Mbps	466.25 Kbps	11.33 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Washington	6.02 Mbps	1.54 Mbps	7.56 Mbps
<input checked="" type="checkbox"/>	PoP-TO	Massachusetts	5.85 Mbps	287.61 Kbps	6.14 Mbps
<input checked="" type="checkbox"/>	PoP-TO	New York	4.37 Mbps	894.01 Kbps	5.27 Mbps
<input type="checkbox"/>	PoP-TO	Texas	2.87 Mbps	783.84 Kbps	3.65 Mbps
<input type="checkbox"/>	PoP-TO	Arizona	3.06 Mbps	266.52 Kbps	3.32 Mbps
<input type="checkbox"/>	PoP-TO	Noord-Holland	1.51 Mbps	982.30 Kbps	2.49 Mbps
<input type="checkbox"/>	PoP-TO	Florida	1.89 Mbps	327.37 Kbps	2.22 Mbps
<input type="checkbox"/>	PoP-TO	Virginia	1.70 Mbps	491.66 Kbps	2.19 Mbps
<input type="checkbox"/>	PoP-TO	New Hampshire	1.77 Mbps	96.50 Kbps	1.86 Mbps
<input type="checkbox"/>	PoP-TO	Sao Paulo	828.02 Kbps	342.01 Kbps	1.17 Mbps
<input type="checkbox"/>	PoP-TO	Dolj	610.24 Kbps	15.69 Kbps	625.94 Kbps
<input type="checkbox"/>	PoP-TO	Quebec	333.71 Kbps	79.49 Kbps	413.20 Kbps
<input type="checkbox"/>	PoP-TO	Zhejiang	16.15 Kbps	357.91 Kbps	374.06 Kbps

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

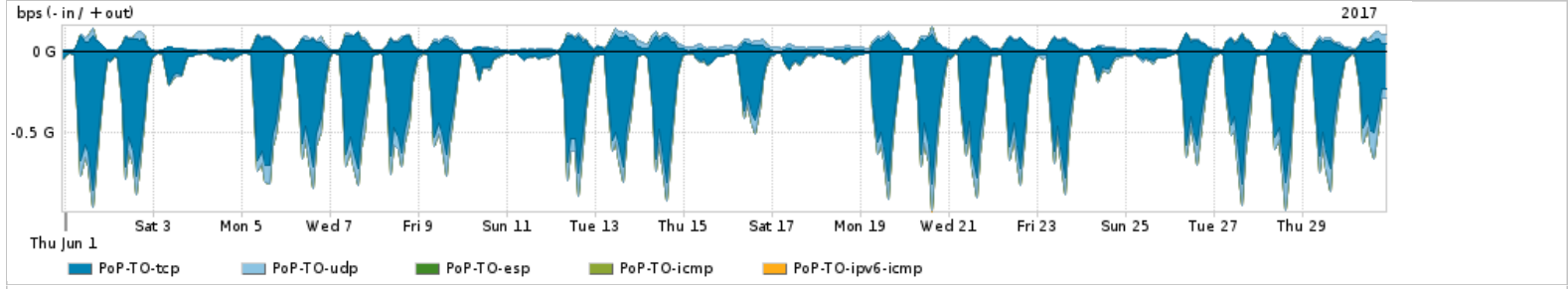


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-TO	ssl	164.92 Mbps	24.48 Mbps	189.40 Mbps
<input checked="" type="checkbox"/>	PoP-TO	http	52.65 Mbps	4.76 Mbps	57.41 Mbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	quit		29.47 Mbps	32.37 Mbps
<input checked="" type="checkbox"/>	PoP-TO	other UDP		7.20 Mbps	11.89 Mbps
<input checked="" type="checkbox"/>	PoP-TO	other TCP		8.38 Mbps	11.83 Mbps
<input type="checkbox"/>	PoP-TO	ntp		164.27 Kbps	3.98 Mbps
<input type="checkbox"/>	PoP-TO	macromedia-fcs		648.27 Kbps	958.99 Kbps
<input type="checkbox"/>	PoP-TO	dns		205.44 Kbps	288.10 Kbps
<input type="checkbox"/>	PoP-TO	stun		89.43 Kbps	159.35 Kbps
<input type="checkbox"/>	PoP-TO	qq		20.84 Kbps	159.13 Kbps

Distribuição do tráfego do PoP-TO por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-TO	tcp		227.10 Mbps	260.94 Mbps
<input checked="" type="checkbox"/>	PoP-TO	udp		37.17 Mbps	48.83 Mbps
<input checked="" type="checkbox"/>	PoP-TO	esp		43.26 Kbps	70.52 Kbps
<input checked="" type="checkbox"/>	PoP-TO	icmp		23.00 Kbps	48.47 Kbps
<input checked="" type="checkbox"/>	PoP-TO	ipv6-icmp		188.00 bps	1.40 Kbps
<input type="checkbox"/>	PoP-TO	gre		83.00 bps	83.00 bps
<input type="checkbox"/>	PoP-TO	sctp		0.00 bps	0.00 bps
<input type="checkbox"/>	PoP-TO	ipv6		0.00 bps	0.00 bps

For assistance with this product, please contact support@arbornetworks.com.