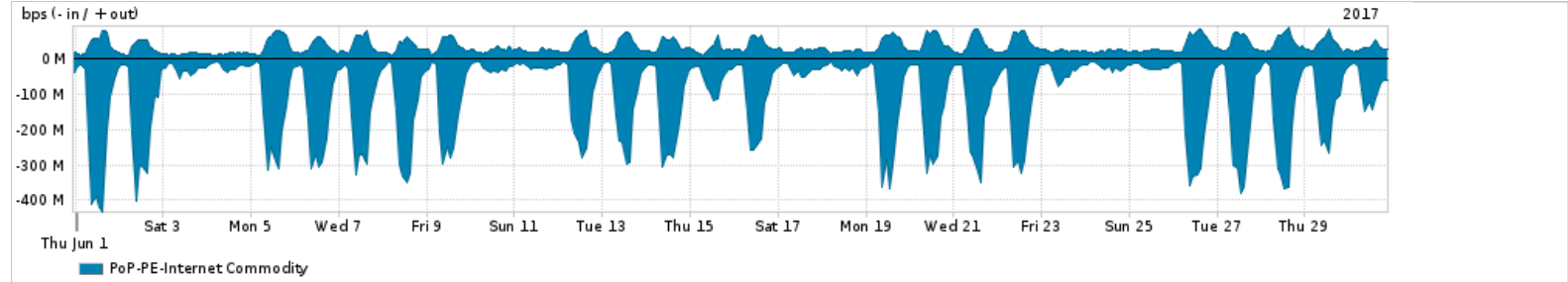


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

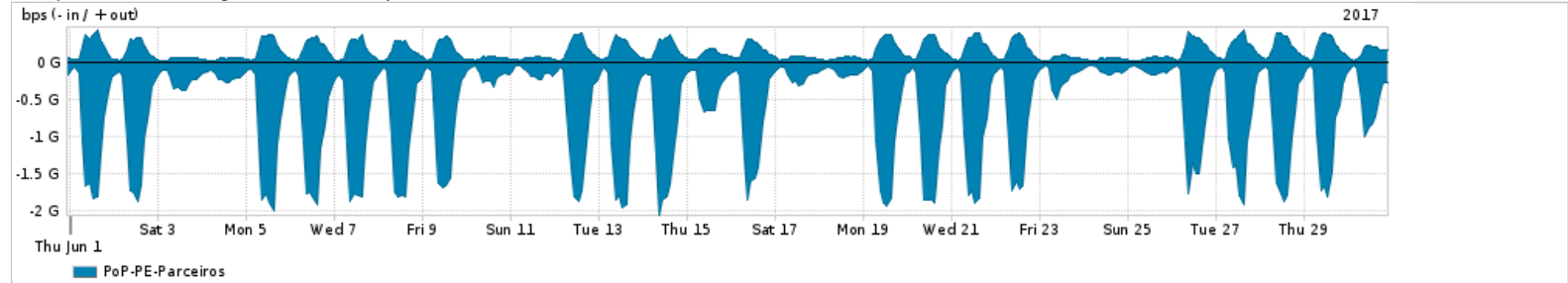
- Legenda:
- PoP - Ponto de presença da RNP
  - Parceiros - Provedores comerciais que a RNP mantém acordos de troca de tráfego
  - Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara
  - Internet commodity - Acesso pago à Internet global que é oferecido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



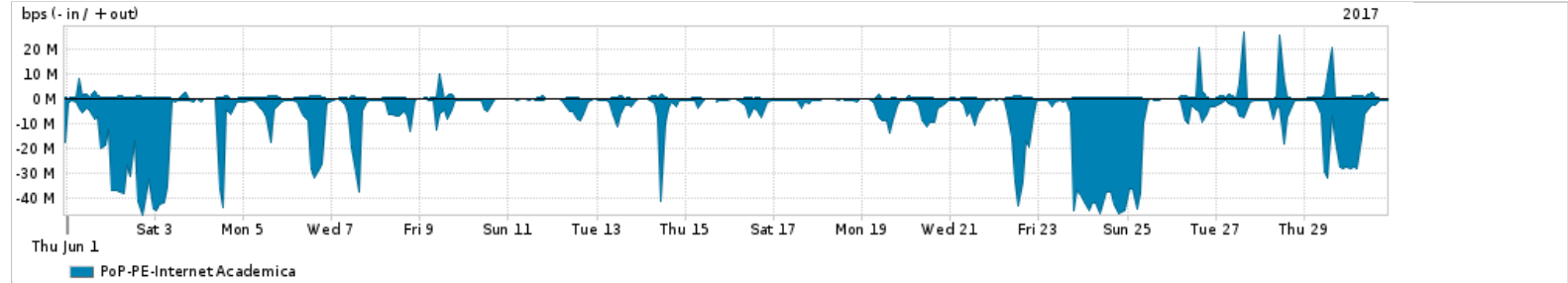
PROFILE	PROFILE	IN	OUT	TOTAL	
X	PoP-PE	Internet Commodity	107.55 Mbps	34.58 Mbps	142.12 Mbps

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



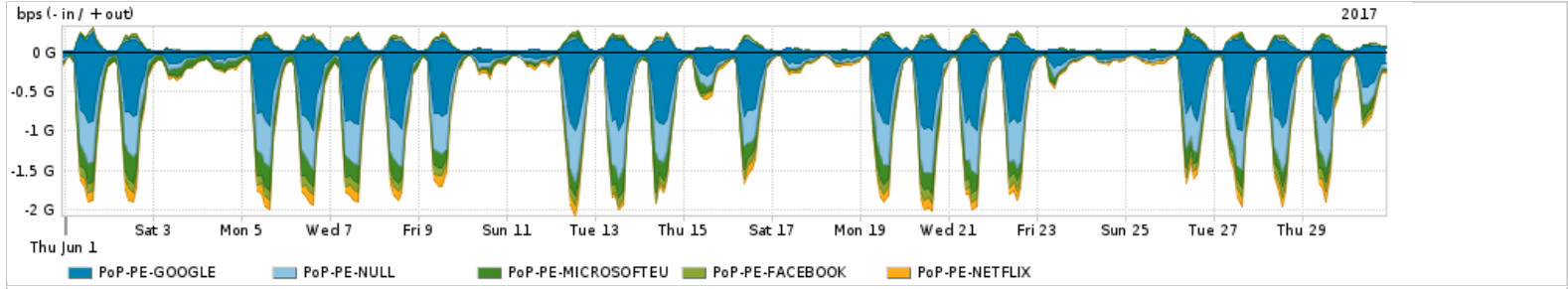
PROFILE	PROFILE	IN	OUT	TOTAL	
X	PoP-PE	Parceiros	639.04 Mbps	147.17 Mbps	786.21 Mbps

Utilização do serviço de Internet acadêmica internacional pelo PoP-PE



PROFILE	PROFILE	IN	OUT	TOTAL	
X	PoP-PE	Internet Acadêmica	8.08 Mbps	935.29 Kbps	9.01 Mbps

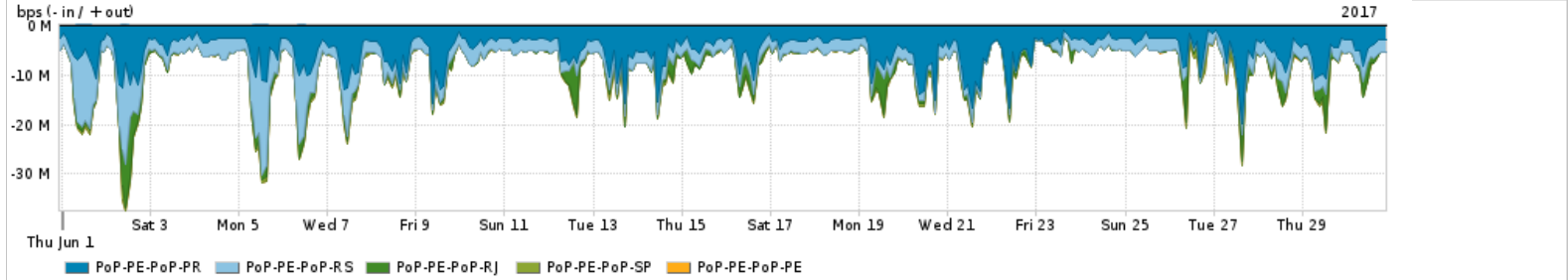
Redes (AS's de origem) mais acessadas pelo PoP-PE



Average | Max | PCT95

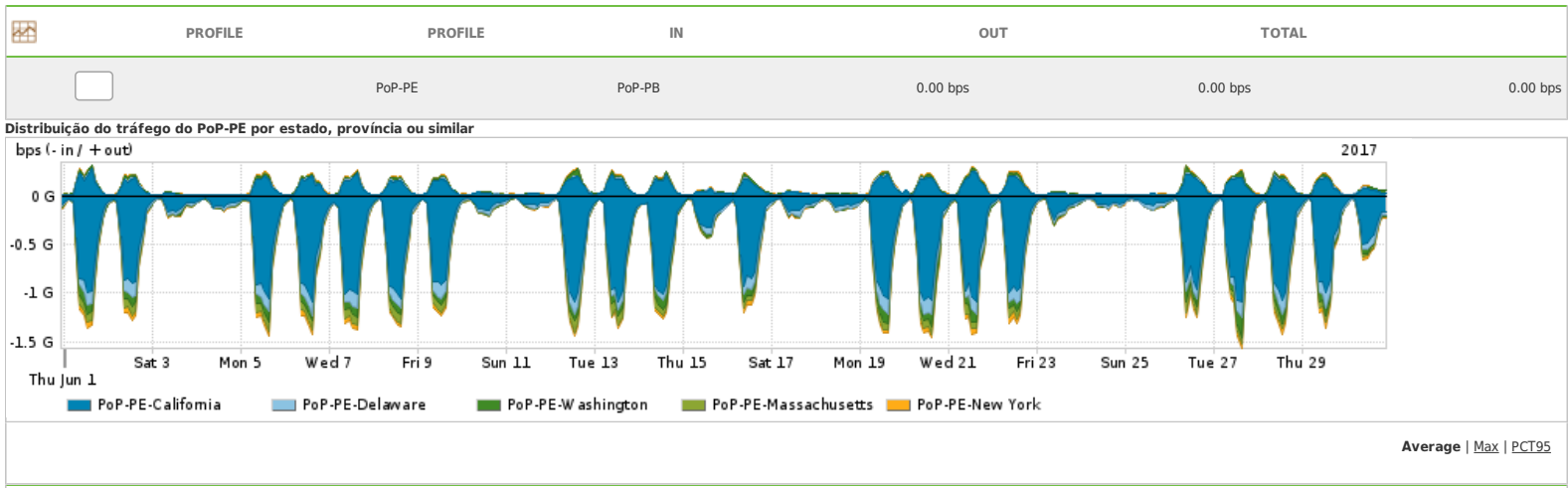
PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-PE	GOOGLE	15169	297.62 Mbps	58.41 Mbps	356.03 Mbps
<input checked="" type="checkbox"/>	PoP-PE	NULL	0	168.90 Mbps	3.87 Mbps	172.77 Mbps
<input checked="" type="checkbox"/>	PoP-PE	MICROSOFTEU	8068	91.37 Mbps	7.66 Mbps	99.03 Mbps
<input checked="" type="checkbox"/>	PoP-PE	FACEBOOK	32934	40.07 Mbps	9.41 Mbps	49.49 Mbps
<input checked="" type="checkbox"/>	PoP-PE	NETFLIX	2906	41.16 Mbps	654.26 Kbps	41.81 Mbps
<input type="checkbox"/>	PoP-PE	AMAZON-02	16509	21.21 Mbps	3.23 Mbps	24.43 Mbps
<input type="checkbox"/>	PoP-PE	GVTBR	18881	2.51 Mbps	13.06 Mbps	15.58 Mbps
<input type="checkbox"/>	PoP-PE	GCEPSABR	28604	13.57 Mbps	903.96 Kbps	14.47 Mbps
<input type="checkbox"/>	PoP-PE	EDGECAST	15133	13.33 Mbps	278.16 Kbps	13.61 Mbps
<input type="checkbox"/>	PoP-PE	LEVEL3-AS3549	3549	12.10 Mbps	271.05 Kbps	12.37 Mbps

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

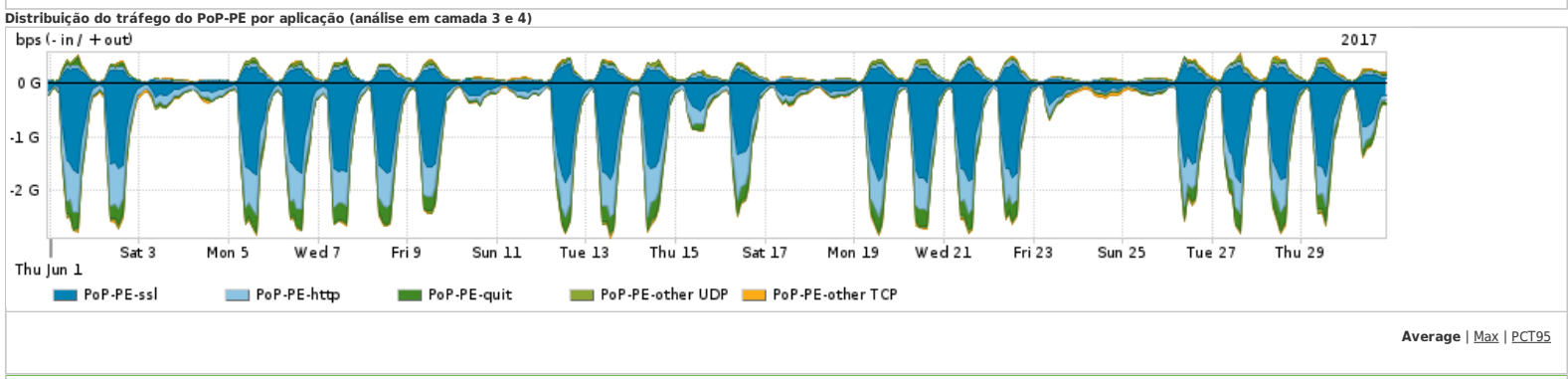


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-PE	PoP-PR	5.07 Mbps	0.00 bps	5.07 Mbps
<input checked="" type="checkbox"/>	PoP-PE	PoP-RS	2.89 Mbps	15.90 Kbps	2.90 Mbps
<input checked="" type="checkbox"/>	PoP-PE	PoP-RJ	707.33 Kbps	5.20 Kbps	712.53 Kbps
<input checked="" type="checkbox"/>	PoP-PE	PoP-SP	197.69 Kbps	328.00 bps	198.02 Kbps
<input checked="" type="checkbox"/>	PoP-PE	PoP-PE	1.63 Kbps	1.63 Kbps	3.25 Kbps
<input type="checkbox"/>	PoP-PE	PoP-SC	826.00 bps	4.00 bps	830.00 bps
<input type="checkbox"/>	PoP-PE	PoP-PI	46.00 bps	0.00 bps	46.00 bps
<input type="checkbox"/>	PoP-PE	PoP-DF	1.00 bps	0.00 bps	1.00 bps
<input type="checkbox"/>	PoP-PE	PoP-CE	0.00 bps	0.00 bps	0.00 bps



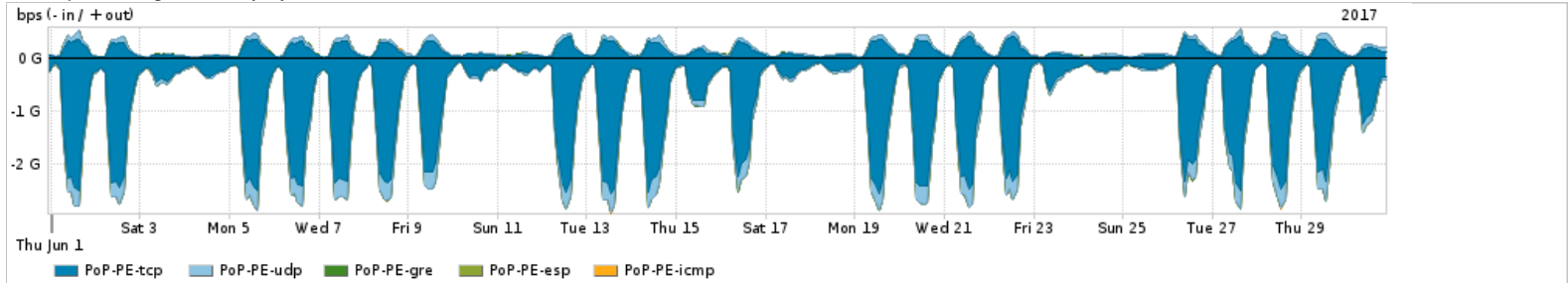
PROFILE	REGION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-PE	California	333.42 Mbps	68.24 Mbps	401.66 Mbps
<input checked="" type="checkbox"/>	PoP-PE	Delaware	47.13 Mbps	2.06 Mbps	49.19 Mbps
<input checked="" type="checkbox"/>	PoP-PE	Washington	27.45 Mbps	9.20 Mbps	36.65 Mbps
<input checked="" type="checkbox"/>	PoP-PE	Massachusetts	26.79 Mbps	1.29 Mbps	28.07 Mbps
<input checked="" type="checkbox"/>	PoP-PE	New York	14.99 Mbps	3.98 Mbps	18.98 Mbps
<input type="checkbox"/>	PoP-PE	Texas	12.60 Mbps	5.73 Mbps	18.33 Mbps
<input type="checkbox"/>	PoP-PE	Arizona	12.75 Mbps	464.20 Kbps	13.21 Mbps
<input type="checkbox"/>	PoP-PE	New Hampshire	8.48 Mbps	388.87 Kbps	8.87 Mbps
<input type="checkbox"/>	PoP-PE	Virginia	6.06 Mbps	2.15 Mbps	8.21 Mbps
<input type="checkbox"/>	PoP-PE	Pernambuco	796.28 Kbps	5.26 Mbps	6.06 Mbps
<input type="checkbox"/>	PoP-PE	Florida	3.82 Mbps	670.51 Kbps	4.49 Mbps
<input type="checkbox"/>	PoP-PE	Noord-Holland	3.98 Mbps	412.77 Kbps	4.40 Mbps
<input type="checkbox"/>	PoP-PE	Sao Paulo	2.08 Mbps	1.86 Mbps	3.94 Mbps
<input type="checkbox"/>	PoP-PE	Quebec	1.28 Mbps	275.72 Kbps	1.56 Mbps
<input type="checkbox"/>	PoP-PE	New Jersey	1.01 Mbps	387.27 Kbps	1.40 Mbps



PROFILE	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-PE	ssl	551.52 Mbps	100.71 Mbps	652.24 Mbps
<input checked="" type="checkbox"/>	PoP-PE	http	238.15 Mbps	29.64 Mbps	267.79 Mbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-PE	quit	100.70 Mbps	10.26 Mbps	110.96 Mbps
<input checked="" type="checkbox"/>	PoP-PE	other UDP	15.71 Mbps	27.55 Mbps	43.26 Mbps
<input checked="" type="checkbox"/>	PoP-PE	other TCP	16.66 Mbps	7.79 Mbps	24.45 Mbps
<input type="checkbox"/>	PoP-PE	dns	1.83 Mbps	5.05 Mbps	6.88 Mbps
<input type="checkbox"/>	PoP-PE	macromedia-fcs	2.12 Mbps	559.82 Kbps	2.68 Mbps
<input type="checkbox"/>	PoP-PE	smtp	638.93 Kbps	473.01 Kbps	1.11 Mbps
<input type="checkbox"/>	PoP-PE	stun	500.00 Kbps	515.80 Kbps	1.02 Mbps
<input type="checkbox"/>	PoP-PE	bittorrent	288.85 Kbps	644.52 Kbps	933.37 Kbps

Distribuição do tráfego do PoP-PE por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-PE	tcp	812.16 Mbps	141.26 Mbps	953.42 Mbps
<input checked="" type="checkbox"/>	PoP-PE	udp	118.98 Mbps	43.76 Mbps	162.74 Mbps
<input checked="" type="checkbox"/>	PoP-PE	gre	215.10 Kbps	1.47 Mbps	1.68 Mbps
<input checked="" type="checkbox"/>	PoP-PE	esp	165.43 Kbps	22.29 Kbps	187.72 Kbps
<input checked="" type="checkbox"/>	PoP-PE	icmp	59.33 Kbps	76.82 Kbps	136.15 Kbps
<input type="checkbox"/>	PoP-PE	ipv6	86.56 Kbps	32.24 Kbps	118.80 Kbps
<input type="checkbox"/>	PoP-PE	ipv6-icmp	35.53 Kbps	24.36 Kbps	59.89 Kbps
<input type="checkbox"/>	PoP-PE	sctp	17.00 bps	0.00 bps	17.00 bps
<input type="checkbox"/>	PoP-PE	rsvp	4.00 bps	0.00 bps	4.00 bps
<input type="checkbox"/>	PoP-PE	159	0.00 bps	0.00 bps	0.00 bps

For assistance with this product, please contact [support@arbornetworks.com](mailto:support@arbornetworks.com).