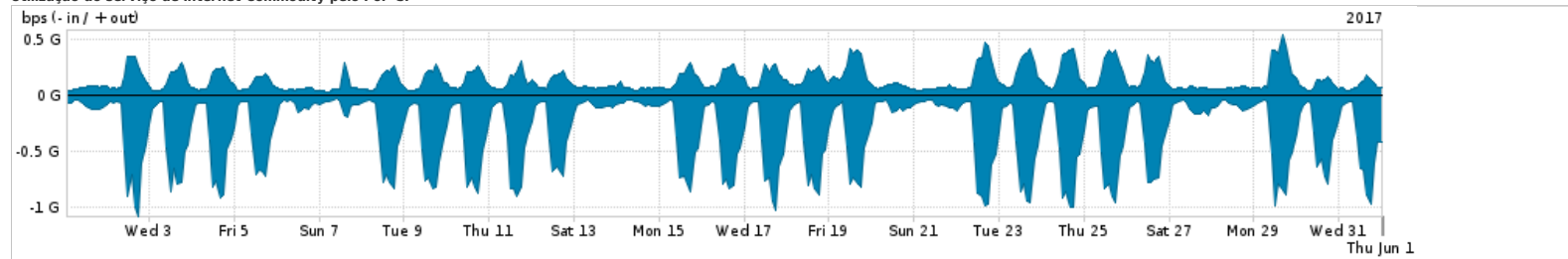


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

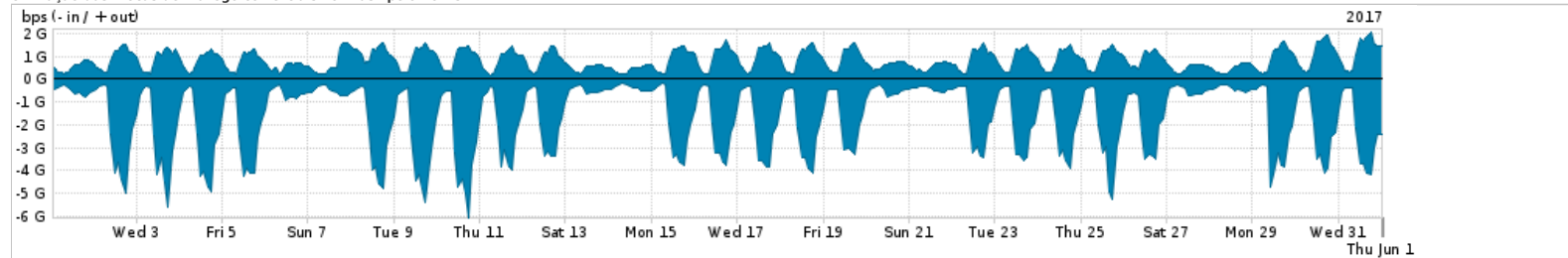
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	Internet Commodity	333.91 Mbps	133.26 Mbps	467.17 Mbps

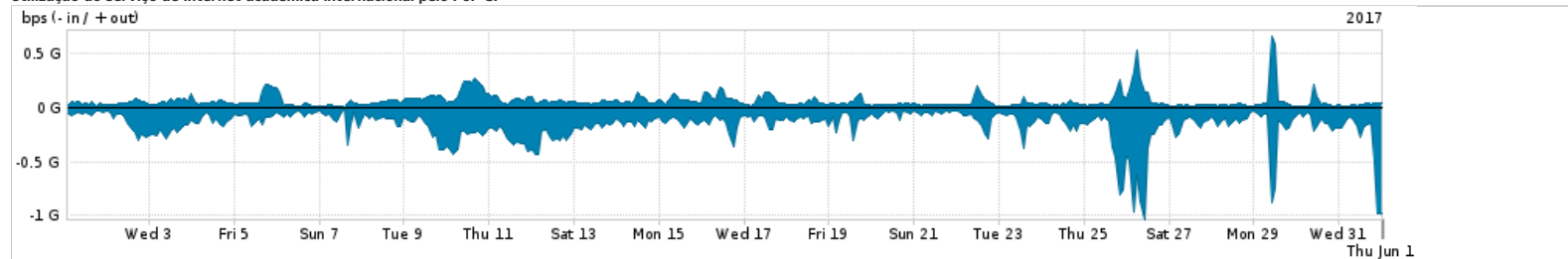
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	Parceiros	1.65 Gbps	823.28 Mbps	2.48 Gbps

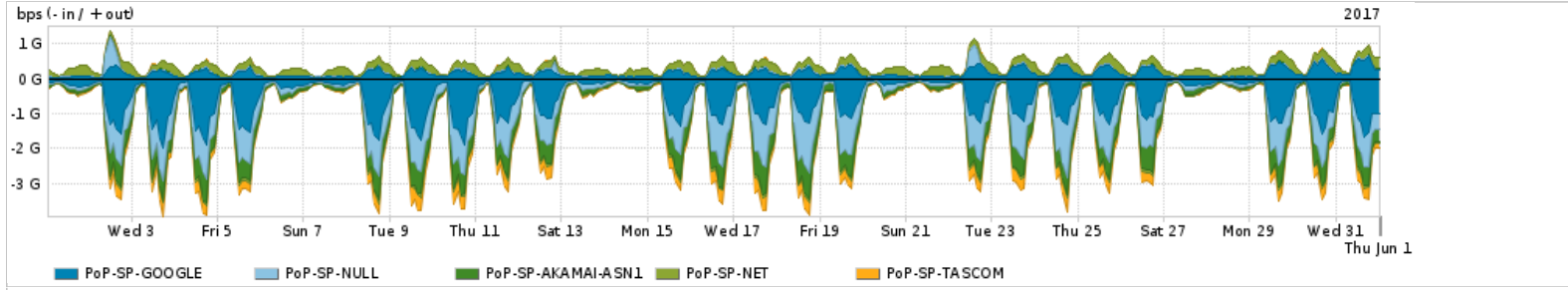
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	Internet Acadêmica	161.65 Mbps	59.73 Mbps	221.38 Mbps

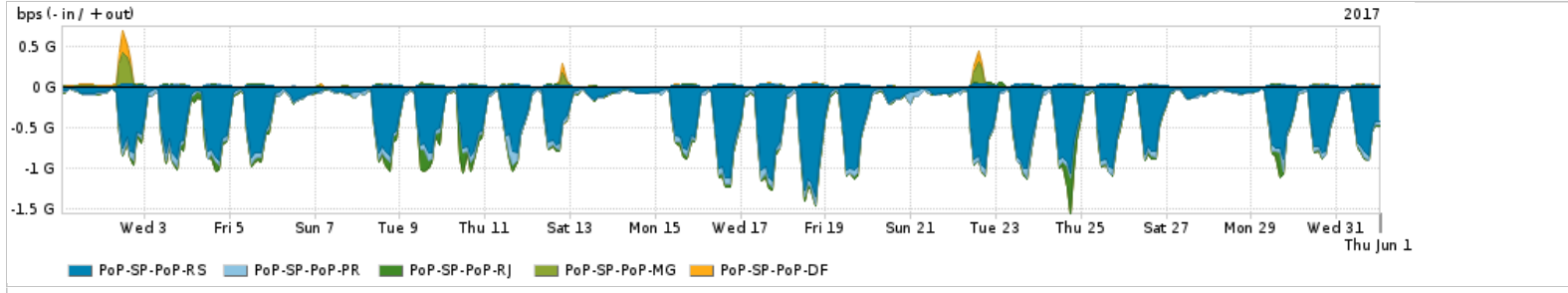
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	GOOGLE	15169	518.21 Mbps	144.41 Mbps	662.62 Mbps
<input checked="" type="checkbox"/>	PoP-SP	NULL	0	390.16 Mbps	25.48 Mbps	415.64 Mbps
<input checked="" type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	245.81 Mbps	4.55 Mbps	250.36 Mbps
<input checked="" type="checkbox"/>	PoP-SP	NET	28573	42.79 Mbps	166.22 Mbps	209.00 Mbps
<input checked="" type="checkbox"/>	PoP-SP	TASCOM	52871	123.78 Mbps	1.88 Mbps	125.66 Mbps
<input type="checkbox"/>	PoP-SP	MICROSOFTEU	8068	109.73 Mbps	15.08 Mbps	124.81 Mbps
<input type="checkbox"/>	PoP-SP	FACEBOOK	32934	104.28 Mbps	8.76 Mbps	113.04 Mbps
<input type="checkbox"/>	PoP-SP	AMAZON-02	16509	55.72 Mbps	18.46 Mbps	74.18 Mbps
<input type="checkbox"/>	PoP-SP	GCEPSABR	28604	63.36 Mbps	2.84 Mbps	66.19 Mbps
<input type="checkbox"/>	PoP-SP	TNLSABR	7738	2.21 Mbps	58.47 Mbps	60.68 Mbps

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

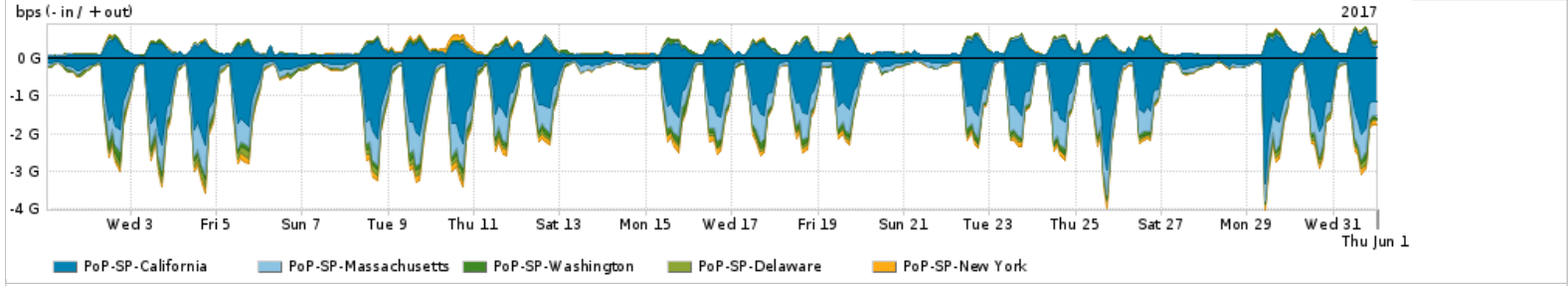


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	PoP-RS	345.36 Mbps	9.64 Mbps	355.00 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-PR	39.53 Mbps	897.03 Kbps	40.42 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-RJ	22.00 Mbps	1.49 Mbps	23.49 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-MG	56.16 Kbps	6.95 Mbps	7.00 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-DF	44.26 Kbps	4.16 Mbps	4.20 Mbps
<input type="checkbox"/>	PoP-SP	PoP-SP	1.36 Mbps	1.36 Mbps	2.72 Mbps
<input type="checkbox"/>	PoP-SP	PoP-GO	16.73 Kbps	1.96 Mbps	1.98 Mbps
<input type="checkbox"/>	PoP-SP	PoP-AM	21.54 Kbps	1.13 Mbps	1.15 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PA	7.12 Kbps	820.49 Kbps	827.61 Kbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-SC	66.35 Kbps	641.31 Kbps	707.66 Kbps

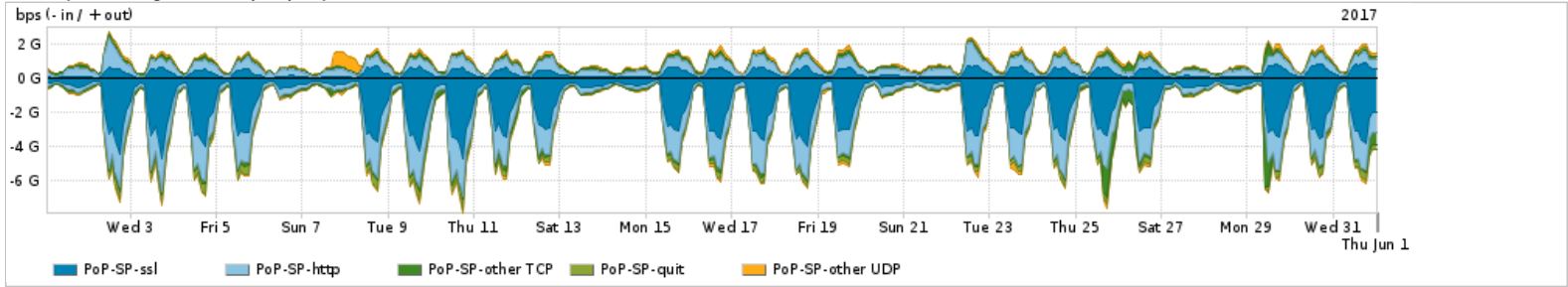
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	California	658.63 Mbps	194.19 Mbps	852.82 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Massachusetts	260.77 Mbps	9.75 Mbps	270.51 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Washington	56.52 Mbps	20.55 Mbps	77.07 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Delaware	49.80 Mbps	12.57 Mbps	62.37 Mbps
<input checked="" type="checkbox"/>	PoP-SP	New York	47.30 Mbps	10.48 Mbps	57.78 Mbps
<input type="checkbox"/>	PoP-SP	Sao Paulo	18.43 Mbps	39.22 Mbps	57.65 Mbps
<input type="checkbox"/>	PoP-SP	Texas	28.14 Mbps	17.71 Mbps	45.85 Mbps
<input type="checkbox"/>	PoP-SP	Alabama	44.45 Mbps	1.08 Mbps	45.52 Mbps
<input type="checkbox"/>	PoP-SP	New Hampshire	29.22 Mbps	1.94 Mbps	31.16 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	16.26 Mbps	14.63 Mbps	30.89 Mbps
<input type="checkbox"/>	PoP-SP	Maryland	27.07 Mbps	667.44 Kbps	27.74 Mbps
<input type="checkbox"/>	PoP-SP	Arizona	24.58 Mbps	671.59 Kbps	25.25 Mbps
<input type="checkbox"/>	PoP-SP	Rio de Janeiro	5.81 Mbps	18.15 Mbps	23.96 Mbps
<input type="checkbox"/>	PoP-SP	Connecticut	15.45 Mbps	1.39 Mbps	16.84 Mbps
<input type="checkbox"/>	PoP-SP	Geneve	10.51 Mbps	5.06 Mbps	15.58 Mbps

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

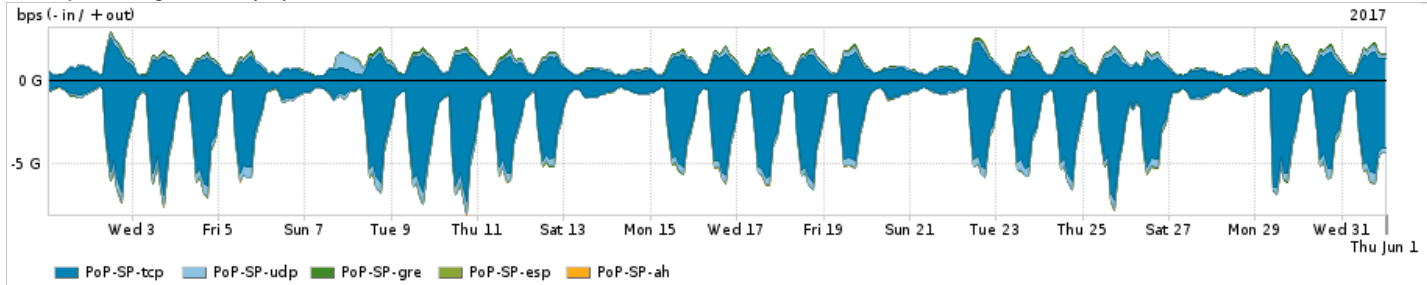


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	ssl	1.36 Gbps	284.45 Mbps	1.64 Gbps
<input checked="" type="checkbox"/>	PoP-SP	http	770.70 Mbps	404.53 Mbps	1.18 Gbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	other TCP	164.08 Mbps	115.17 Mbps	279.25 Mbps
<input checked="" type="checkbox"/>	PoP-SP	quit	142.15 Mbps	35.72 Mbps	177.87 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other UDP	64.90 Mbps	102.08 Mbps	166.98 Mbps
<input type="checkbox"/>	PoP-SP	ssh	15.59 Mbps	15.18 Mbps	30.77 Mbps
<input type="checkbox"/>	PoP-SP	rsync	17.63 Mbps	1.53 Mbps	19.16 Mbps
<input type="checkbox"/>	PoP-SP	smtp	4.97 Mbps	9.27 Mbps	14.24 Mbps
<input type="checkbox"/>	PoP-SP	macromedia-fcs	9.32 Mbps	2.48 Mbps	11.80 Mbps
<input type="checkbox"/>	PoP-SP	dns	4.56 Mbps	3.67 Mbps	8.23 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	tcp	2.35 Gbps	842.58 Mbps	3.19 Gbps
<input checked="" type="checkbox"/>	PoP-SP	udp	213.24 Mbps	143.56 Mbps	356.80 Mbps
<input checked="" type="checkbox"/>	PoP-SP	gre	9.32 Mbps	63.94 Mbps	73.26 Mbps
<input checked="" type="checkbox"/>	PoP-SP	esp	10.74 Mbps	2.61 Mbps	13.35 Mbps
<input checked="" type="checkbox"/>	PoP-SP	ah	1.55 Mbps	211.73 Kbps	1.76 Mbps
<input type="checkbox"/>	PoP-SP	icmp	470.62 Kbps	1.20 Mbps	1.67 Mbps
<input type="checkbox"/>	PoP-SP	ipv6	53.99 Kbps	36.88 Kbps	90.87 Kbps
<input type="checkbox"/>	PoP-SP	255	0.00 bps	44.93 Kbps	44.93 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	12.05 Kbps	25.37 Kbps	37.42 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-nonxt	87.00 bps	0.00 bps	87.00 bps

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