

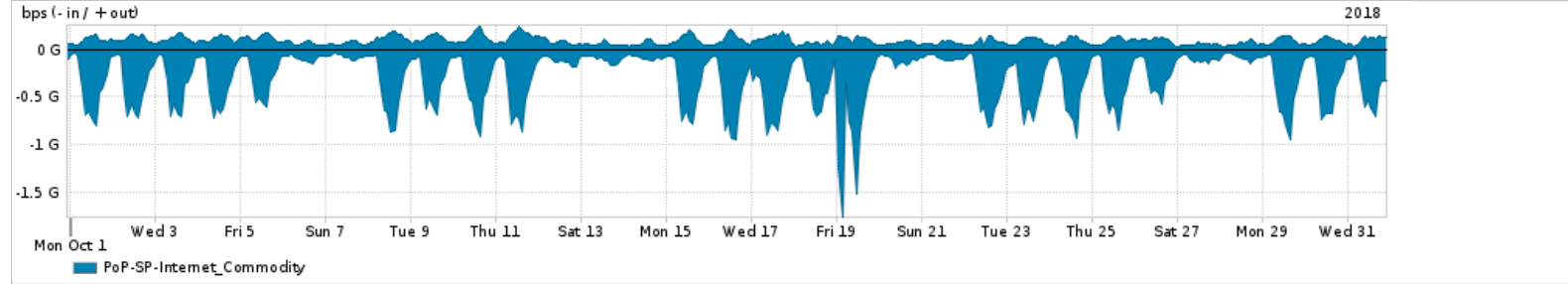
Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).

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)

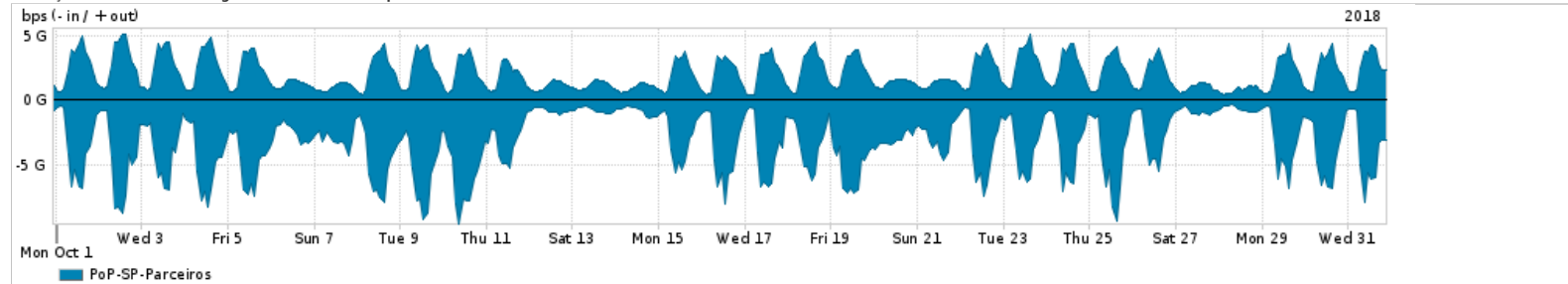
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
X	PoP-SP	Internet_Commodity	314.36 Mbps	89.22 Mbps	403.58 Mbps

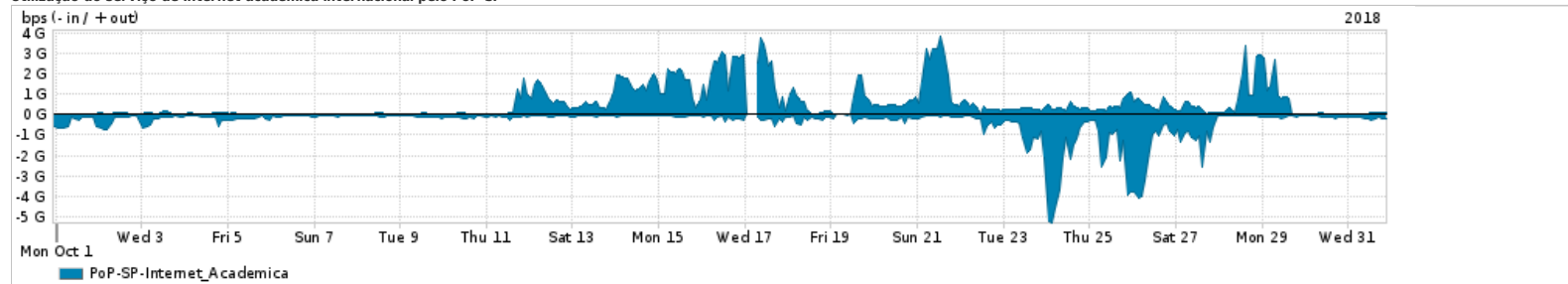
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
X	PoP-SP	Parceiros	3.31 Gbps	2.00 Gbps	5.31 Gbps

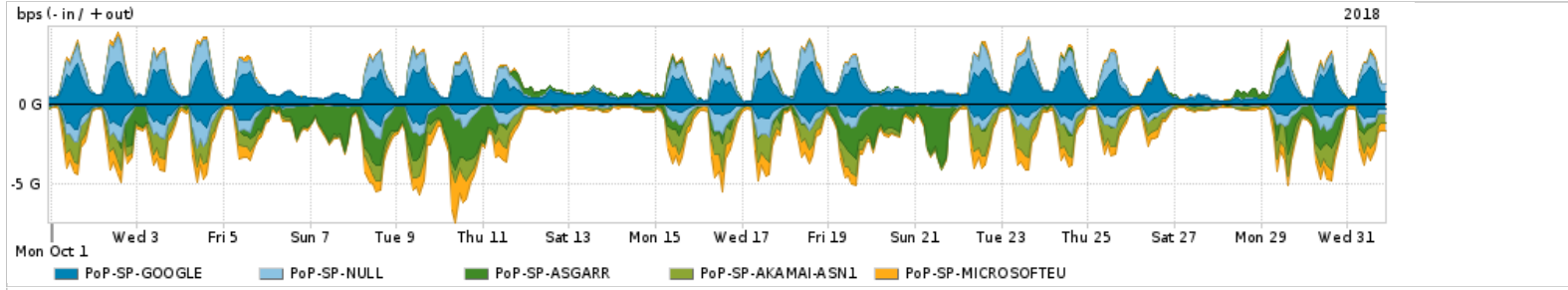
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
X	PoP-SP	Internet_Academica	382.67 Mbps	558.38 Mbps	941.05 Mbps

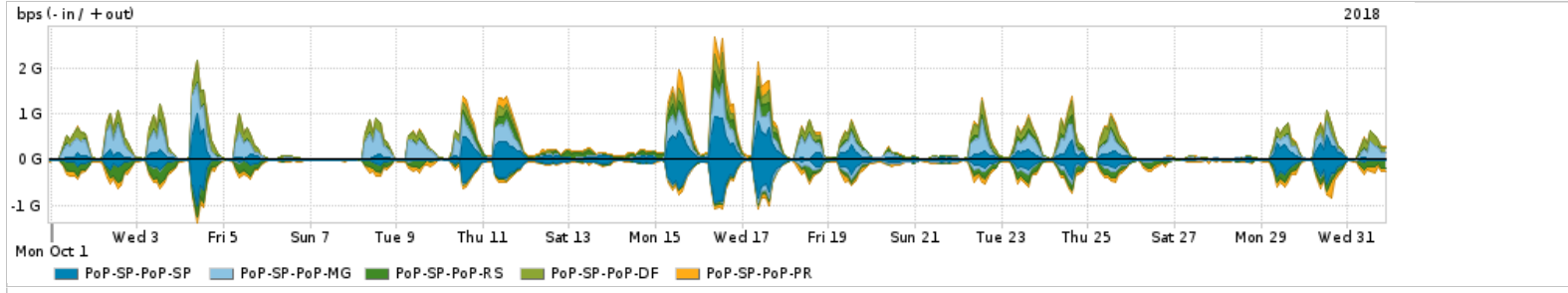
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

	PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	GOOGLE	15169	326.07 Mbps	944.04 Mbps	1.27 Gbps
<input checked="" type="checkbox"/>	PoP-SP	NULL	0	274.67 Mbps	360.80 Mbps	635.46 Mbps
<input checked="" type="checkbox"/>	PoP-SP	ASGARR	137	518.98 Mbps	52.69 Mbps	571.67 Mbps
<input checked="" type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	465.20 Mbps	8.29 Mbps	473.49 Mbps
<input checked="" type="checkbox"/>	PoP-SP	MICROSOFTEU	8068	378.20 Mbps	58.89 Mbps	437.08 Mbps
<input type="checkbox"/>	PoP-SP	CLARO	28573	46.63 Mbps	181.14 Mbps	227.77 Mbps
<input type="checkbox"/>	PoP-SP	CERN	513	145.60 Mbps	31.51 Mbps	177.11 Mbps
<input type="checkbox"/>	PoP-SP	FR-RENATER	2200	129.98 Mbps	1.64 Mbps	131.62 Mbps
<input type="checkbox"/>	PoP-SP	REDIRIS	766	54.23 Mbps	73.92 Mbps	128.16 Mbps
<input type="checkbox"/>	PoP-SP	MICROSOFT-CORP-MSN-AS-BLOCK	8075	54.07 Mbps	62.65 Mbps	116.72 Mbps

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

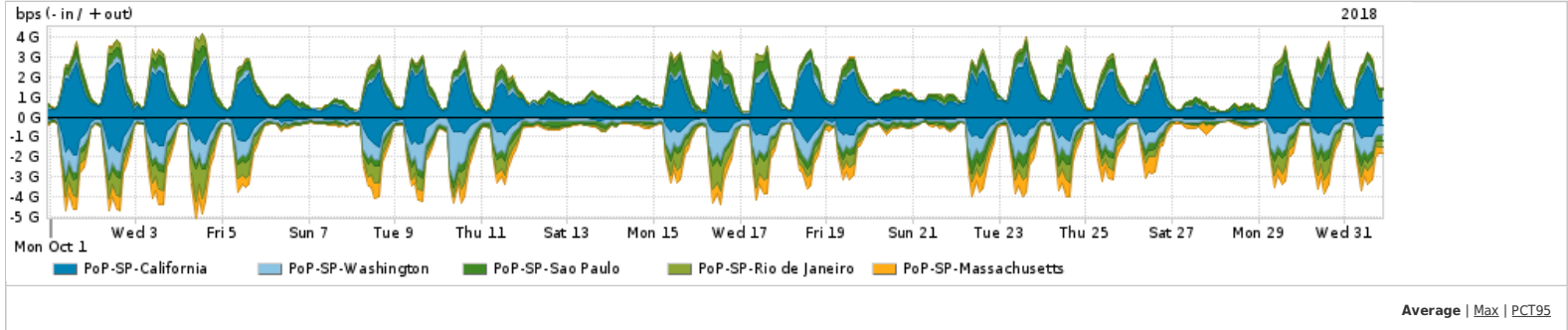


Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	PoP-SP	97.81 Mbps	97.81 Mbps	195.61 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-MG	14.36 Mbps	131.34 Mbps	145.69 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-RS	54.65 Mbps	37.09 Mbps	91.73 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-DF	3.40 Mbps	83.33 Mbps	86.73 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-PR	43.36 Mbps	28.10 Mbps	71.46 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RJ	1.99 Mbps	61.61 Mbps	63.60 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PA	707.75 Kbps	42.29 Mbps	43.00 Mbps
<input type="checkbox"/>	PoP-SP	PoP-GO	553.19 Kbps	35.74 Mbps	36.29 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MA	457.92 Kbps	24.94 Mbps	25.39 Mbps

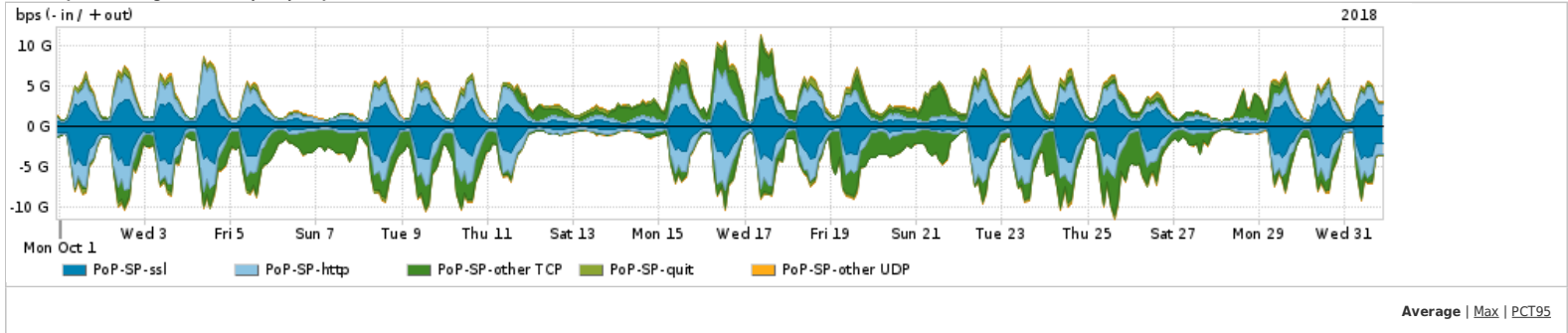
	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	PoP-PE	441.46 Kbps	24.93 Mbps	25.37 Mbps

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



	PROFILE	REGION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	California	403.40 Mbps	1.02 Gbps	1.42 Gbps
<input checked="" type="checkbox"/>	PoP-SP	Washington	417.40 Mbps	82.03 Mbps	499.44 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Sao Paulo	198.40 Mbps	298.04 Mbps	496.44 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Rio de Janeiro	282.42 Mbps	95.83 Mbps	378.25 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Massachusetts	257.77 Mbps	13.65 Mbps	271.42 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	111.52 Mbps	59.39 Mbps	170.91 Mbps
<input type="checkbox"/>	PoP-SP	Minas Gerais	12.49 Mbps	146.62 Mbps	159.10 Mbps
<input type="checkbox"/>	PoP-SP	Distrito Federal	7.19 Mbps	91.76 Mbps	98.96 Mbps
<input type="checkbox"/>	PoP-SP	Rio Grande do Sul	14.46 Mbps	63.64 Mbps	78.10 Mbps
<input type="checkbox"/>	PoP-SP	Florida	31.66 Mbps	45.33 Mbps	76.99 Mbps
<input type="checkbox"/>	PoP-SP	Parana	11.74 Mbps	58.43 Mbps	70.17 Mbps
<input type="checkbox"/>	PoP-SP	Illinois	66.70 Mbps	2.59 Mbps	69.29 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	50.10 Mbps	1.49 Mbps	51.59 Mbps
<input type="checkbox"/>	PoP-SP	Goias	1.93 Mbps	43.11 Mbps	45.03 Mbps
<input type="checkbox"/>	PoP-SP	Delaware	37.67 Mbps	1.10 Mbps	38.77 Mbps

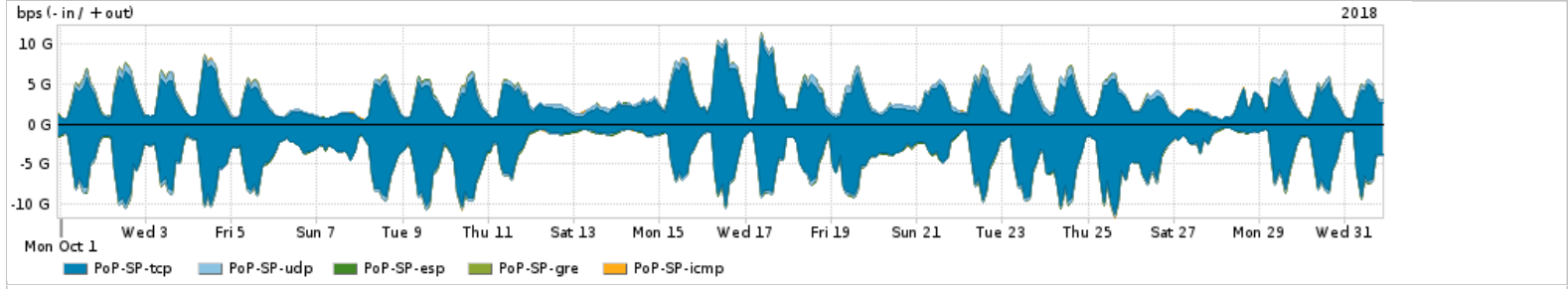
Distribuição do tráfego do PoP-SP por aplicação (análise em camada 3 e 4)



	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	ssl	1.54 Gbps	1.19 Gbps	2.74 Gbps
<input checked="" type="checkbox"/>	PoP-SP	http	1.15 Gbps	1.03 Gbps	2.18 Gbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	other TCP	1.37 Gbps	639.18 Mbps	2.01 Gbps
<input checked="" type="checkbox"/>	PoP-SP	quit	83.21 Mbps	296.10 Mbps	379.31 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other UDP	73.59 Mbps	102.49 Mbps	176.08 Mbps
<input type="checkbox"/>	PoP-SP	ssh	14.47 Mbps	17.23 Mbps	31.70 Mbps
<input type="checkbox"/>	PoP-SP	rsync	17.18 Mbps	8.21 Mbps	25.39 Mbps
<input type="checkbox"/>	PoP-SP	smtp	4.08 Mbps	8.45 Mbps	12.53 Mbps
<input type="checkbox"/>	PoP-SP	dns	4.69 Mbps	4.33 Mbps	9.01 Mbps
<input type="checkbox"/>	PoP-SP	stun	3.71 Mbps	3.32 Mbps	7.03 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	tcp	4.11 Gbps	2.91 Gbps	7.02 Gbps
<input checked="" type="checkbox"/>	PoP-SP	udp	168.24 Mbps	408.79 Mbps	577.03 Mbps
<input checked="" type="checkbox"/>	PoP-SP	esp	56.56 Mbps	10.32 Mbps	66.88 Mbps
<input checked="" type="checkbox"/>	PoP-SP	gre	4.40 Mbps	28.48 Mbps	32.87 Mbps
<input checked="" type="checkbox"/>	PoP-SP	icmp	4.95 Mbps	6.57 Mbps	11.52 Mbps
<input type="checkbox"/>	PoP-SP	ipv6	236.88 Kbps	224.14 Kbps	461.02 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	50.34 Kbps	74.46 Kbps	124.80 Kbps
<input type="checkbox"/>	PoP-SP	sctp	188.00 bps	0.00 bps	188.00 bps
<input type="checkbox"/>	PoP-SP	ipv6-nonxt	0.00 bps	0.00 bps	0.00 bps
<input type="checkbox"/>	PoP-SP	egp	0.00 bps	0.00 bps	0.00 bps

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