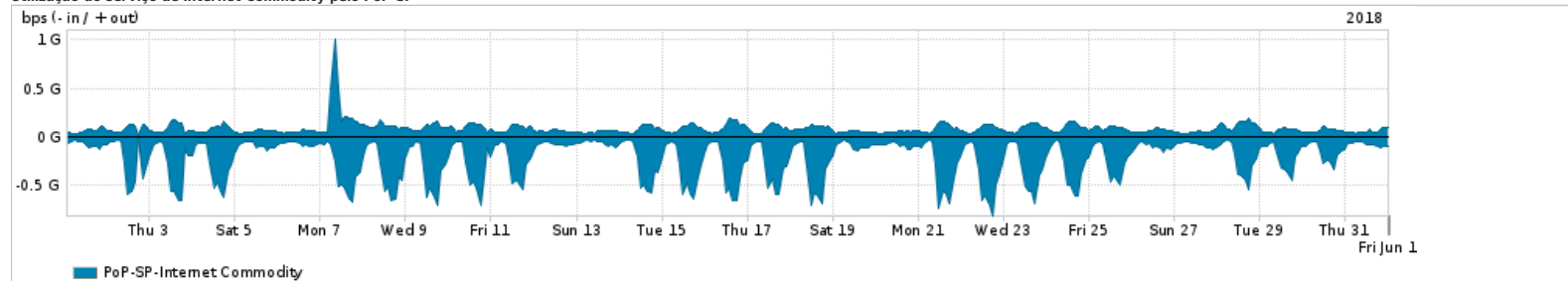


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

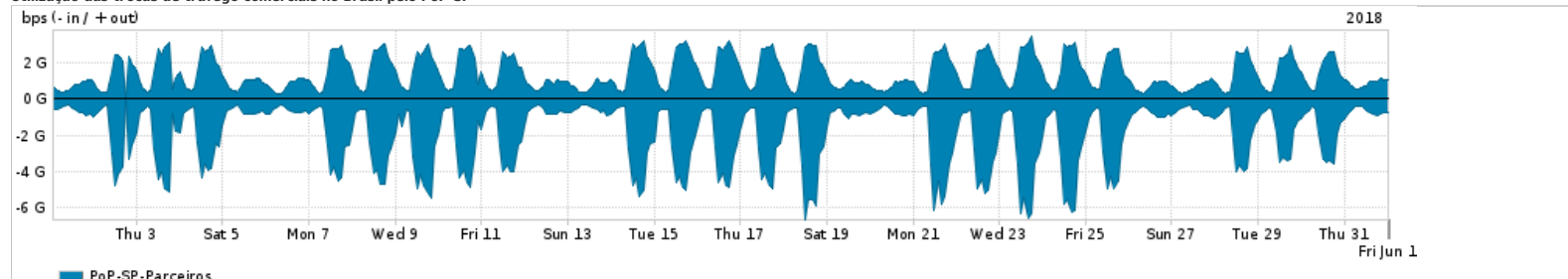
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-SP	Internet Commodity	231.47 Mbps	77.77 Mbps	309.24 Mbps

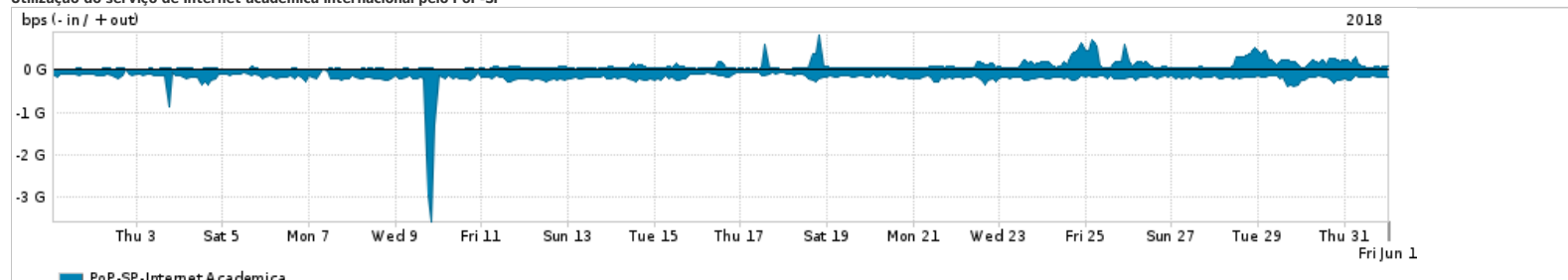
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-SP	Parceiros	1.94 Gbps	1.38 Gbps	3.31 Gbps

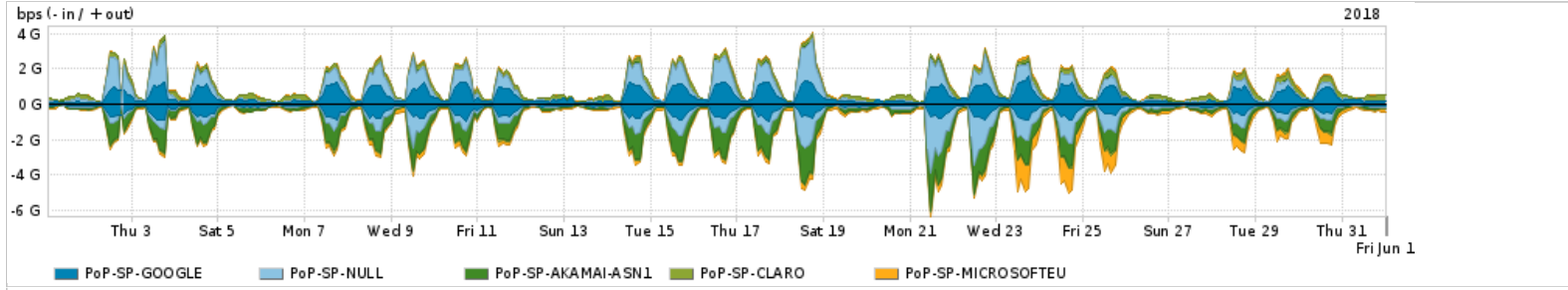
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-SP	Internet Acadêmica	196.04 Mbps	85.96 Mbps	282.00 Mbps

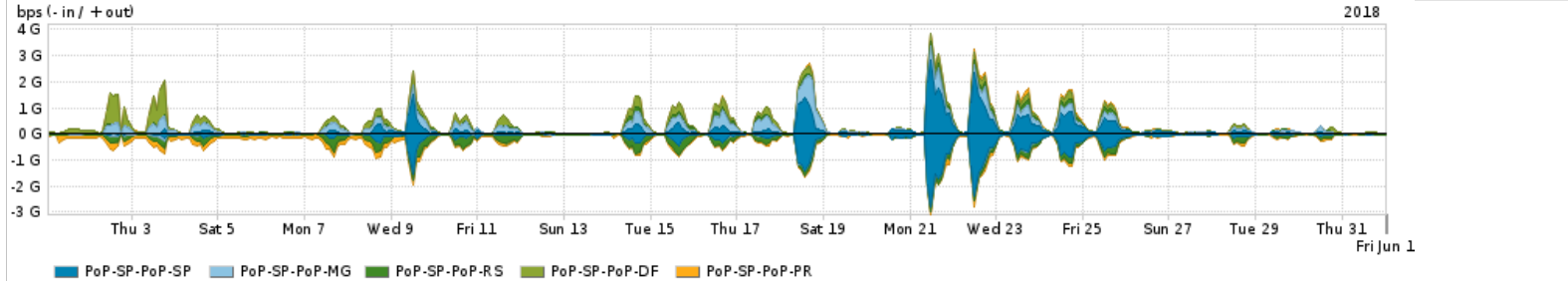
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

	PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	GOOGLE	15169	270.33 Mbps	442.25 Mbps	712.58 Mbps
<input checked="" type="checkbox"/>	PoP-SP	NULL	0	289.67 Mbps	350.02 Mbps	639.69 Mbps
<input checked="" type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	430.56 Mbps	8.93 Mbps	439.49 Mbps
<input checked="" type="checkbox"/>	PoP-SP	CLARO	28573	46.70 Mbps	188.87 Mbps	235.57 Mbps
<input checked="" type="checkbox"/>	PoP-SP	MICROSOFTEU	8068	195.78 Mbps	37.16 Mbps	232.94 Mbps
<input type="checkbox"/>	PoP-SP	EDGECAST	15133	107.82 Mbps	4.35 Mbps	112.17 Mbps
<input type="checkbox"/>	PoP-SP	APPLE	714	43.35 Mbps	50.32 Mbps	93.66 Mbps
<input type="checkbox"/>	PoP-SP	FACEBOOK	32934	81.76 Mbps	8.49 Mbps	90.25 Mbps
<input type="checkbox"/>	PoP-SP	CSUNET-NE	2153	73.99 Mbps	11.73 Mbps	85.73 Mbps
<input type="checkbox"/>	PoP-SP	FUNPAR	10881	72.38 Mbps	4.84 Mbps	77.22 Mbps

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

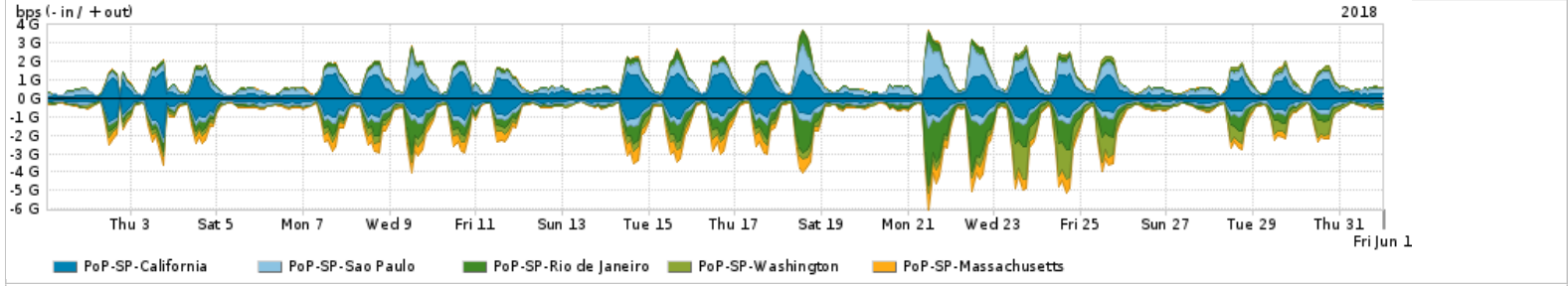


Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	PoP-SP	150.60 Mbps	150.60 Mbps	301.21 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-MG	5.17 Mbps	121.16 Mbps	126.33 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-RS	90.23 Mbps	30.62 Mbps	120.85 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-DF	2.14 Mbps	103.27 Mbps	105.41 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-PR	73.26 Mbps	7.83 Mbps	81.09 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RJ	2.32 Mbps	63.30 Mbps	65.62 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PA	911.48 Kbps	50.17 Mbps	51.08 Mbps
<input type="checkbox"/>	PoP-SP	PoP-GO	703.75 Kbps	41.23 Mbps	41.93 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RN	367.74 Kbps	20.71 Mbps	21.08 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	PoP-AM	402.90 Kbps	19.66 Mbps	20.07 Mbps

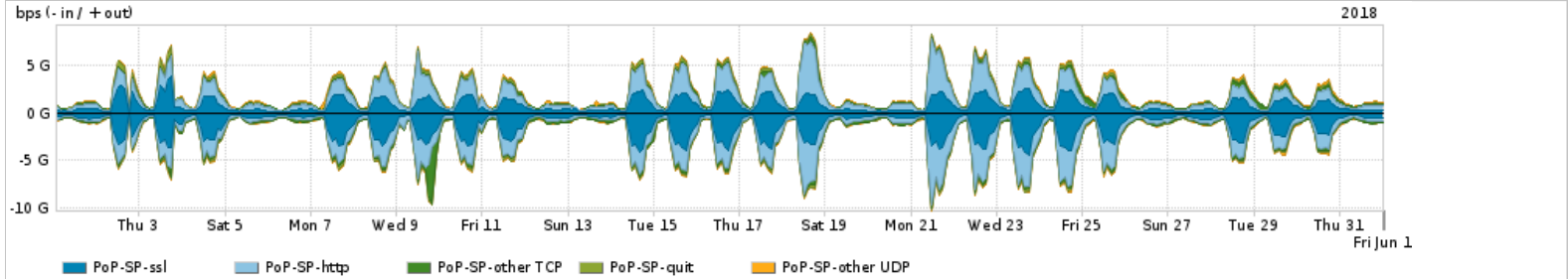
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

	PROFILE	REGION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	California	408.75 Mbps	483.91 Mbps	892.66 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Sao Paulo	154.64 Mbps	313.70 Mbps	468.34 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Rio de Janeiro	313.87 Mbps	88.80 Mbps	402.67 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Washington	246.97 Mbps	48.67 Mbps	295.64 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Massachusetts	188.98 Mbps	14.27 Mbps	203.25 Mbps
<input type="checkbox"/>	PoP-SP	Minas Gerais	16.84 Mbps	159.02 Mbps	175.86 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	74.16 Mbps	52.81 Mbps	126.97 Mbps
<input type="checkbox"/>	PoP-SP	Distrito Federal	7.36 Mbps	94.23 Mbps	101.59 Mbps
<input type="checkbox"/>	PoP-SP	Rio Grande do Sul	10.08 Mbps	53.28 Mbps	63.36 Mbps
<input type="checkbox"/>	PoP-SP	Goiás	1.91 Mbps	43.20 Mbps	45.11 Mbps
<input type="checkbox"/>	PoP-SP	Parana	17.86 Mbps	26.67 Mbps	44.53 Mbps
<input type="checkbox"/>	PoP-SP	Para	913.04 Kbps	39.03 Mbps	39.95 Mbps
<input type="checkbox"/>	PoP-SP	Delaware	38.97 Mbps	681.52 Kbps	39.65 Mbps
<input type="checkbox"/>	PoP-SP	Santa Catarina	3.89 Mbps	30.27 Mbps	34.16 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	31.75 Mbps	667.83 Kbps	32.42 Mbps

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

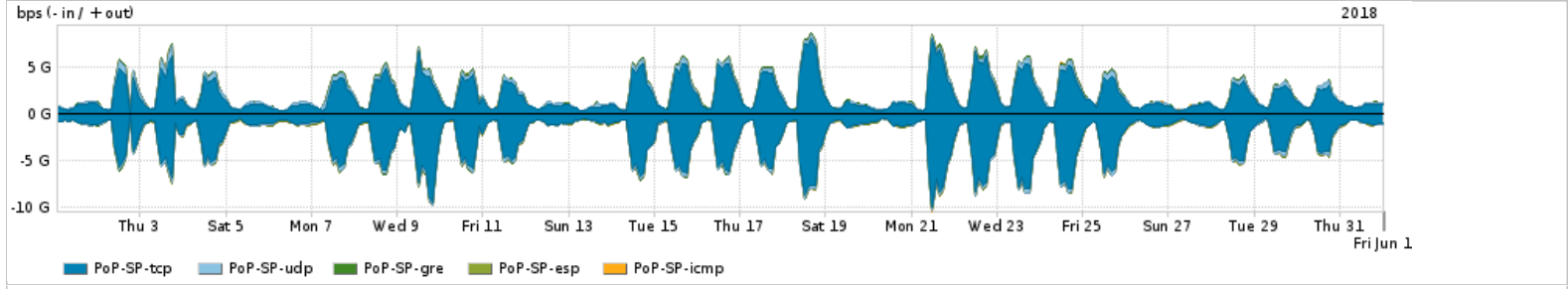


Average | Max | PCT95

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	ssl	1.26 Gbps	835.59 Mbps	2.10 Gbps
<input checked="" type="checkbox"/>	PoP-SP	http	957.91 Mbps	945.76 Mbps	1.90 Gbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	other TCP	235.13 Mbps	165.79 Mbps	400.92 Mbps
<input checked="" type="checkbox"/>	PoP-SP	quit	79.07 Mbps	133.34 Mbps	212.41 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other UDP	68.52 Mbps	114.74 Mbps	183.26 Mbps
<input type="checkbox"/>	PoP-SP	rsync	52.35 Mbps	7.73 Mbps	60.08 Mbps
<input type="checkbox"/>	PoP-SP	ssh	10.29 Mbps	11.90 Mbps	22.19 Mbps
<input type="checkbox"/>	PoP-SP	smtp	3.81 Mbps	6.66 Mbps	10.47 Mbps
<input type="checkbox"/>	PoP-SP	dns	4.45 Mbps	3.25 Mbps	7.69 Mbps
<input type="checkbox"/>	PoP-SP	ldap	1.25 Mbps	6.30 Mbps	7.54 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	tcp	2.53 Gbps	1.98 Gbps	4.52 Gbps
<input checked="" type="checkbox"/>	PoP-SP	udp	156.41 Mbps	261.40 Mbps	417.81 Mbps
<input checked="" type="checkbox"/>	PoP-SP	gre	9.78 Mbps	57.87 Mbps	67.65 Mbps
<input checked="" type="checkbox"/>	PoP-SP	esp	47.18 Mbps	6.35 Mbps	53.53 Mbps
<input checked="" type="checkbox"/>	PoP-SP	icmp	1.22 Mbps	2.04 Mbps	3.26 Mbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	41.10 Kbps	56.70 Kbps	97.80 Kbps
<input type="checkbox"/>	PoP-SP	ipv6	58.60 Kbps	5.99 Kbps	64.59 Kbps
<input type="checkbox"/>	PoP-SP	255	76.00 bps	268.00 bps	344.00 bps
<input type="checkbox"/>	PoP-SP	ipv6-nonxt	13.00 bps	0.00 bps	13.00 bps
<input type="checkbox"/>	PoP-SP	vines	4.00 bps	0.00 bps	4.00 bps

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