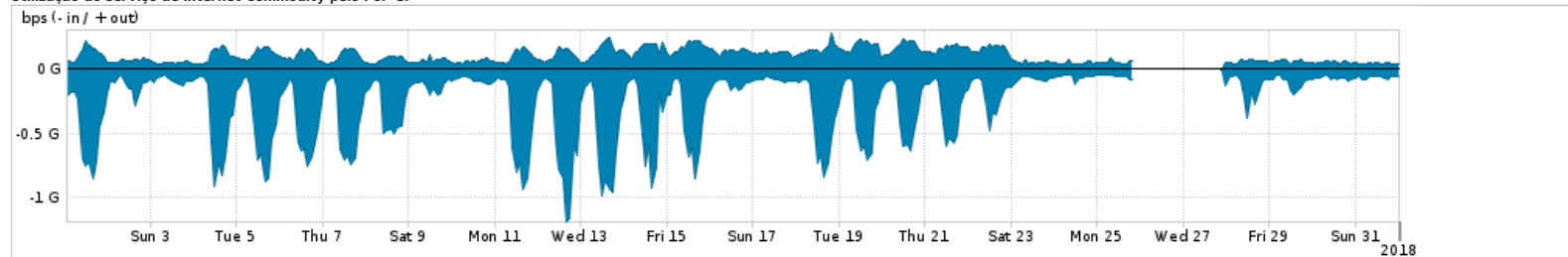


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

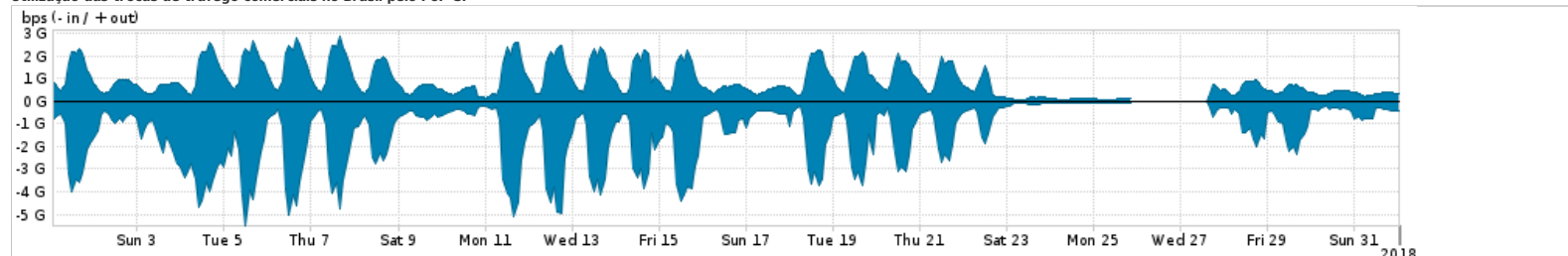
**Utilização do serviço de Internet Commodity pelo PoP-SP**



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	Internet Commodity	241.16 Mbps	95.43 Mbps	336.58 Mbps

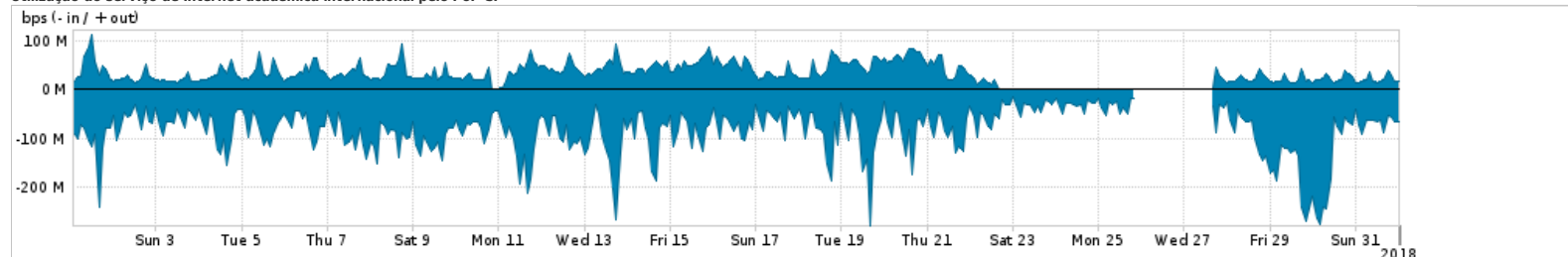
**Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP**



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	Parceiros	1.37 Gbps	857.74 Mbps	2.23 Gbps

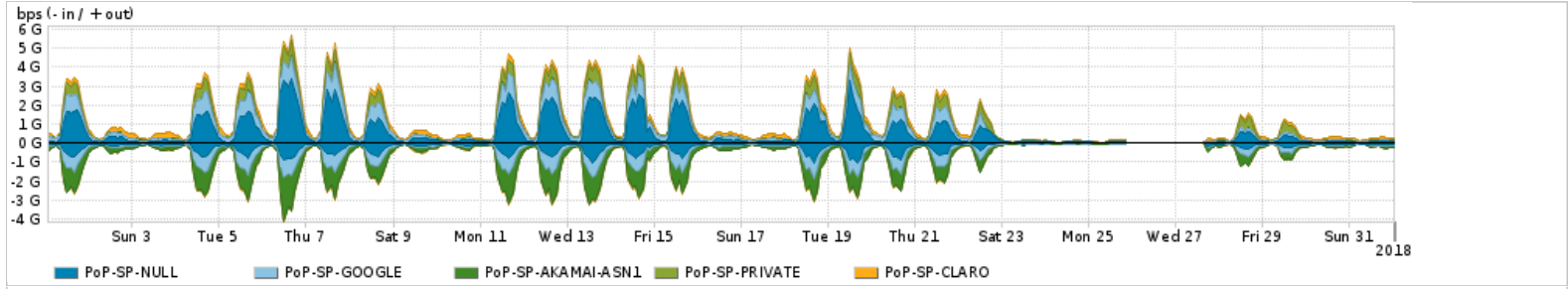
**Utilização do serviço de Internet acadêmica internacional pelo PoP-SP**



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	Internet Acadêmica	78.34 Mbps	30.94 Mbps	109.28 Mbps

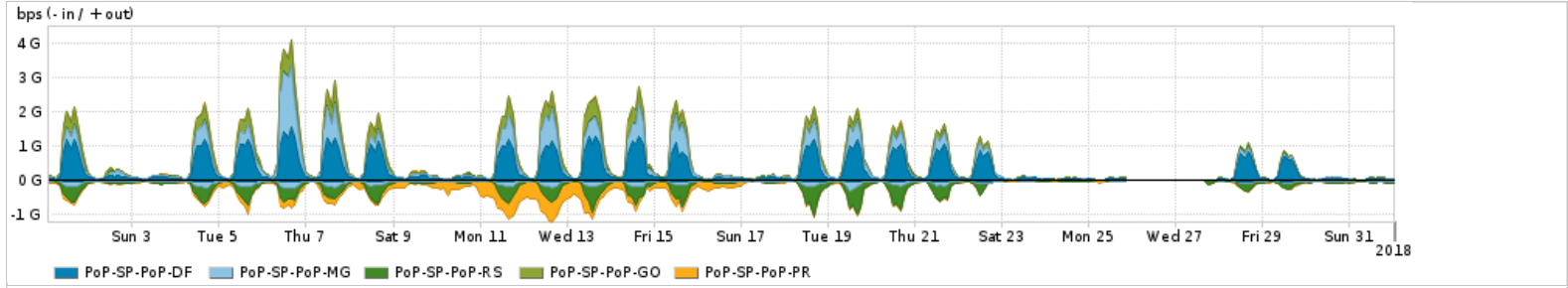
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

	PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	NULL	0	187.39 Mbps	526.64 Mbps	714.03 Mbps
<input checked="" type="checkbox"/>	PoP-SP	GOOGLE	15169	208.80 Mbps	278.58 Mbps	487.38 Mbps
<input checked="" type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	339.34 Mbps	6.86 Mbps	346.20 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PRIVATE	65061	3.03 Mbps	174.35 Mbps	177.38 Mbps
<input checked="" type="checkbox"/>	PoP-SP	CLARO	28573	26.27 Mbps	138.32 Mbps	164.59 Mbps
<input type="checkbox"/>	PoP-SP	FUNPAR	10881	95.09 Mbps	1.26 Mbps	96.34 Mbps
<input type="checkbox"/>	PoP-SP	FUDB-BR	21506	1.55 Mbps	87.24 Mbps	88.79 Mbps
<input type="checkbox"/>	PoP-SP	MICROSOFTEU	8068	73.59 Mbps	12.24 Mbps	85.83 Mbps
<input type="checkbox"/>	PoP-SP	WISC-MADISON	59	71.87 Mbps	104.00 bps	71.87 Mbps
<input type="checkbox"/>	PoP-SP	FDAAPRJ-BR	2715	1.40 Mbps	61.80 Mbps	63.19 Mbps

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

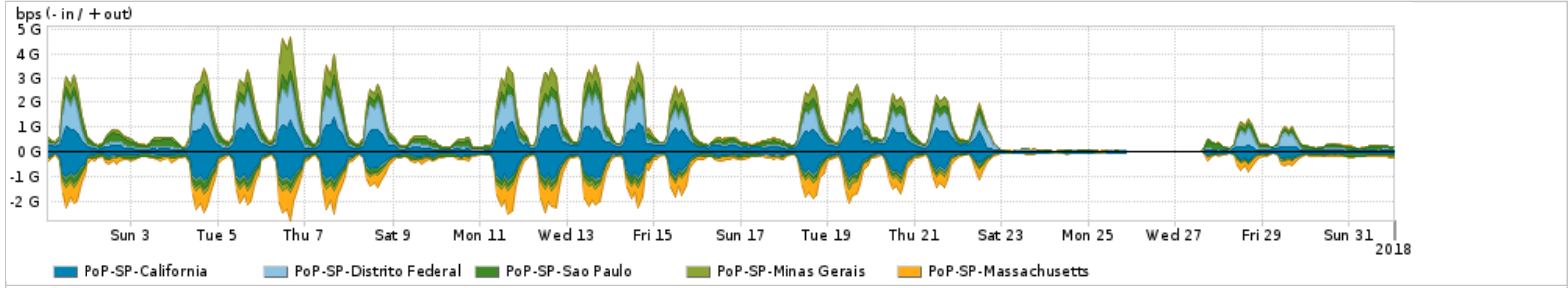


Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	PoP-DF	5.49 Mbps	287.09 Mbps	292.59 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-MG	41.24 Mbps	155.75 Mbps	196.99 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-RS	113.22 Mbps	8.14 Mbps	121.36 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-GO	1.93 Mbps	102.35 Mbps	104.28 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-PR	95.64 Mbps	2.03 Mbps	97.67 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RJ	1.85 Mbps	68.63 Mbps	70.47 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MS	1.43 Mbps	66.04 Mbps	67.47 Mbps
<input type="checkbox"/>	PoP-SP	PoP-SP	28.63 Mbps	28.63 Mbps	57.26 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MT	944.74 Kbps	43.43 Mbps	44.37 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-PA	763.99 Kbps	38.58 Mbps	39.34 Mbps

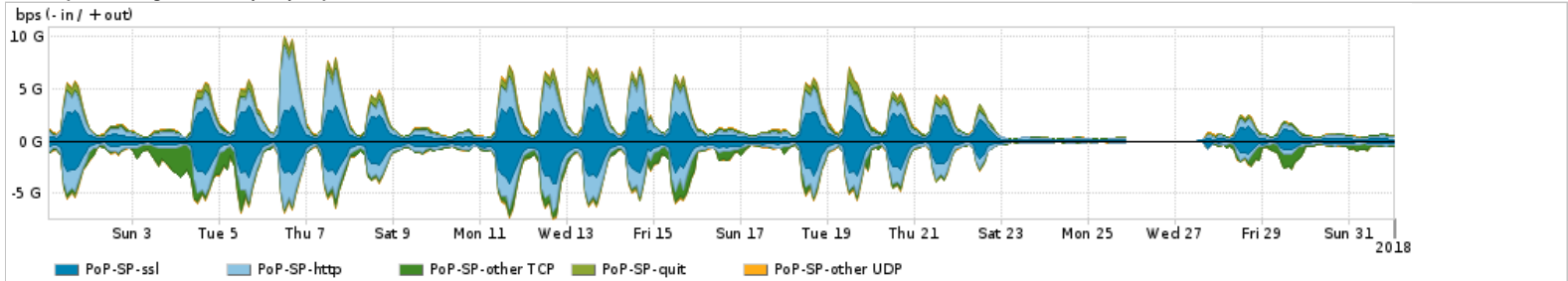
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	California	259.77 Mbps	321.48 Mbps	581.25 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Distrito Federal	12.34 Mbps	263.93 Mbps	276.27 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Sao Paulo	77.50 Mbps	168.28 Mbps	245.78 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Minas Gerais	48.71 Mbps	168.18 Mbps	216.89 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Massachusetts	197.83 Mbps	18.44 Mbps	216.28 Mbps
<input type="checkbox"/>	PoP-SP	Rio de Janeiro	105.28 Mbps	84.61 Mbps	189.89 Mbps
<input type="checkbox"/>	PoP-SP	Washington	88.73 Mbps	17.20 Mbps	105.93 Mbps
<input type="checkbox"/>	PoP-SP	Parana	91.56 Mbps	10.59 Mbps	102.15 Mbps
<input type="checkbox"/>	PoP-SP	Goias	2.03 Mbps	80.49 Mbps	82.52 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	50.20 Mbps	30.48 Mbps	80.68 Mbps
<input type="checkbox"/>	PoP-SP	Para	1.38 Mbps	63.10 Mbps	64.47 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	60.94 Mbps	1.24 Mbps	62.19 Mbps
<input type="checkbox"/>	PoP-SP	Mato Grosso do Sul	1.32 Mbps	60.03 Mbps	61.35 Mbps
<input type="checkbox"/>	PoP-SP	Mato Grosso	3.36 Mbps	54.60 Mbps	57.96 Mbps
<input type="checkbox"/>	PoP-SP	Delaware	35.99 Mbps	690.37 Kbps	36.68 Mbps

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

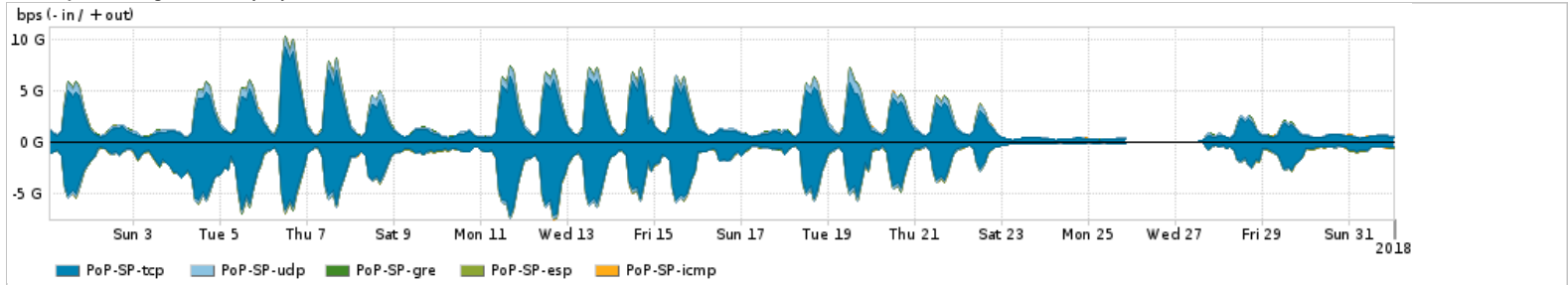


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	ssl	877.61 Mbps	835.86 Mbps	1.71 Gbps
<input checked="" type="checkbox"/>	PoP-SP	http	619.58 Mbps	665.01 Mbps	1.28 Gbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	other TCP	324.59 Mbps	107.42 Mbps	432.01 Mbps
<input checked="" type="checkbox"/>	PoP-SP	quit	50.18 Mbps	203.10 Mbps	253.28 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other UDP	37.91 Mbps	61.76 Mbps	99.66 Mbps
<input type="checkbox"/>	PoP-SP	rsync	21.27 Mbps	5.90 Mbps	27.17 Mbps
<input type="checkbox"/>	PoP-SP	ssh	7.81 Mbps	8.54 Mbps	16.35 Mbps
<input type="checkbox"/>	PoP-SP	smtp	2.81 Mbps	4.32 Mbps	7.13 Mbps
<input type="checkbox"/>	PoP-SP	dns	3.20 Mbps	2.31 Mbps	5.52 Mbps
<input type="checkbox"/>	PoP-SP	ldap	203.67 Kbps	4.66 Mbps	4.86 Mbps

Distribuição do tráfego do PoP-SP por protocolo



	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	tcp	1.86 Gbps	1.63 Gbps	3.49 Gbps
<input checked="" type="checkbox"/>	PoP-SP	udp	93.03 Mbps	273.66 Mbps	366.69 Mbps
<input checked="" type="checkbox"/>	PoP-SP	gre	5.84 Mbps	39.77 Mbps	45.61 Mbps
<input checked="" type="checkbox"/>	PoP-SP	esp	32.55 Mbps	4.10 Mbps	36.65 Mbps
<input checked="" type="checkbox"/>	PoP-SP	icmp	2.99 Mbps	3.77 Mbps	6.76 Mbps
<input type="checkbox"/>	PoP-SP	ipv6	42.86 Kbps	64.09 Kbps	106.95 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	8.83 Kbps	24.19 Kbps	33.02 Kbps
<input type="checkbox"/>	PoP-SP	ggp	0.00 bps	32.00 bps	32.00 bps
<input type="checkbox"/>	PoP-SP	ipv6-nonxt	16.00 bps	0.00 bps	16.00 bps
<input type="checkbox"/>	PoP-SP	rsvp	2.00 bps	1.00 bps	3.00 bps

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