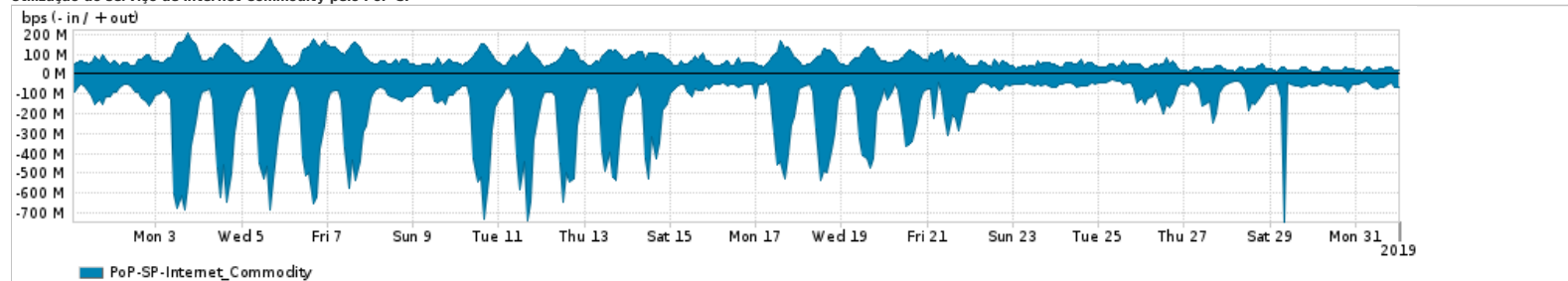


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

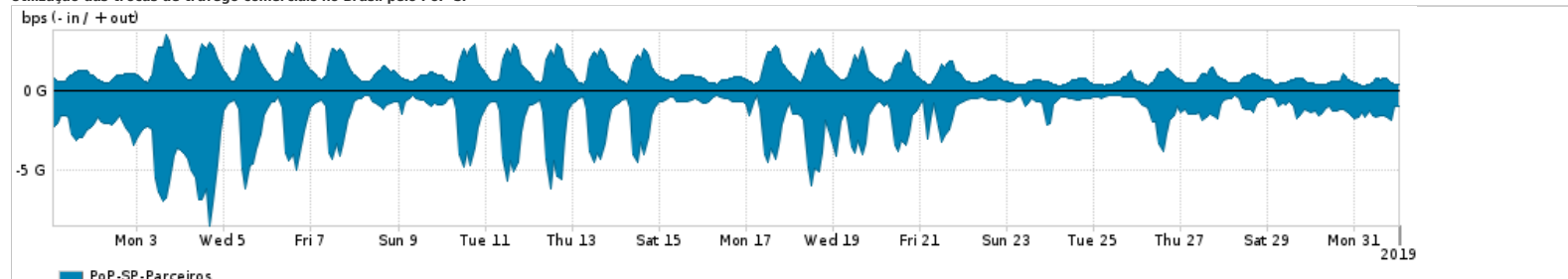
- PoP - Ponto de presença da RNP
- Parceiros - Provedores comerciais que a RNP mantém acordos de troca de tráfego
- Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara
- Internet commodity - Acesso pago à Internet global que é oferecido pela RNP aos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



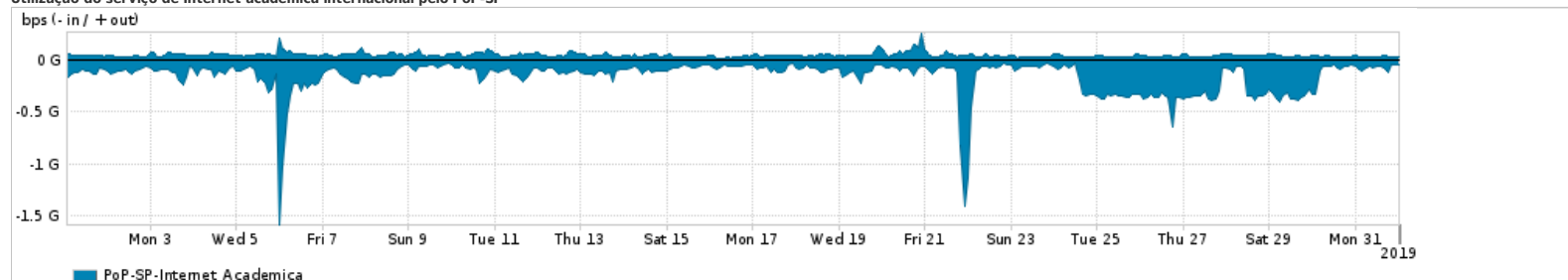
	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	Internet_Commodity	173.82 Mbps	69.31 Mbps	243.13 Mbps

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



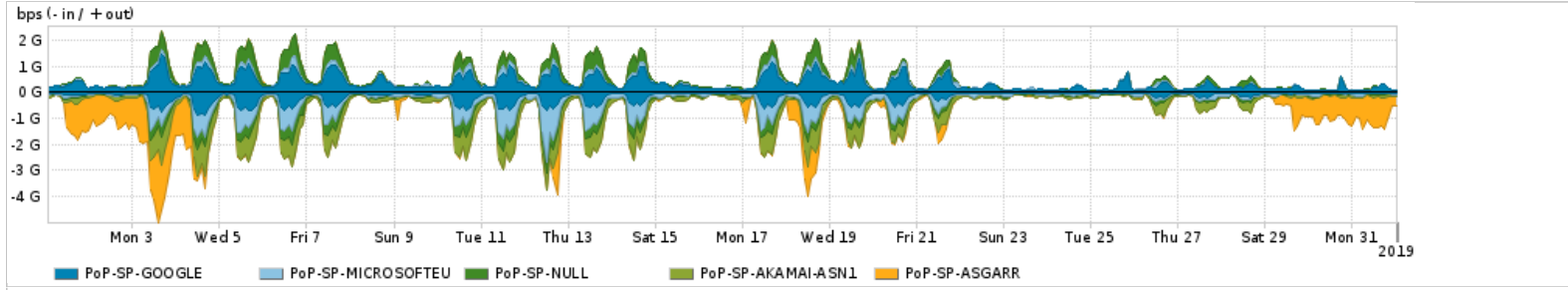
	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	Parceiros	1.92 Gbps	1.08 Gbps	3.01 Gbps

Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	Internet_Academica	162.18 Mbps	40.33 Mbps	202.51 Mbps

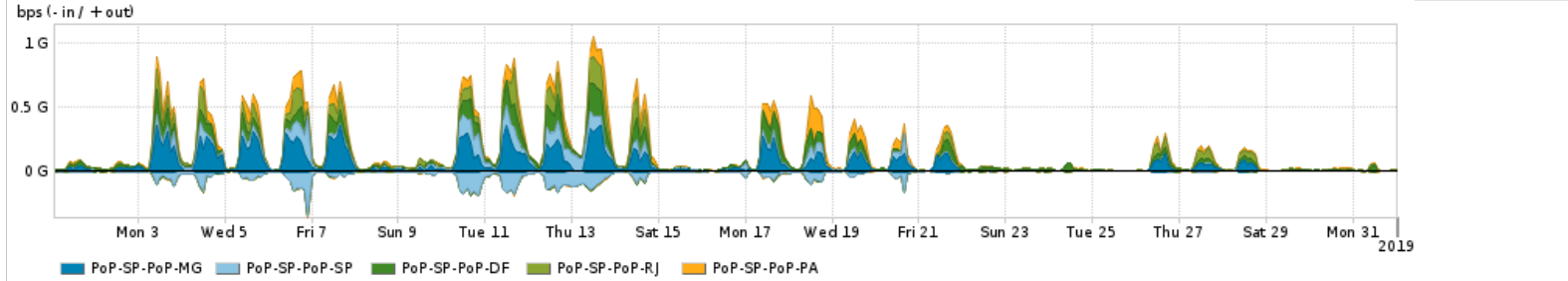
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

	PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	GOOGLE	15169	170.84 Mbps	336.76 Mbps	507.60 Mbps
<input checked="" type="checkbox"/>	PoP-SP	MICROSOFTEU	8068	208.52 Mbps	47.51 Mbps	256.03 Mbps
<input checked="" type="checkbox"/>	PoP-SP	NULL	0	105.11 Mbps	147.51 Mbps	252.62 Mbps
<input checked="" type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	245.66 Mbps	3.70 Mbps	249.36 Mbps
<input checked="" type="checkbox"/>	PoP-SP	ASGARR	137	243.64 Mbps	365.05 Kbps	244.01 Mbps
<input type="checkbox"/>	PoP-SP	CLARO	28573	39.95 Mbps	147.95 Mbps	187.90 Mbps
<input type="checkbox"/>	PoP-SP	UNL	7896	149.61 Mbps	0.00 bps	149.61 Mbps
<input type="checkbox"/>	PoP-SP	MICROSOFT-CORP-MSN-AS-BLOCK	8075	41.87 Mbps	68.32 Mbps	110.19 Mbps
<input type="checkbox"/>	PoP-SP	PIC	43115	72.44 Mbps	1.42 Mbps	73.86 Mbps
<input type="checkbox"/>	PoP-SP	AMAZON-02	16509	46.91 Mbps	23.94 Mbps	70.85 Mbps

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

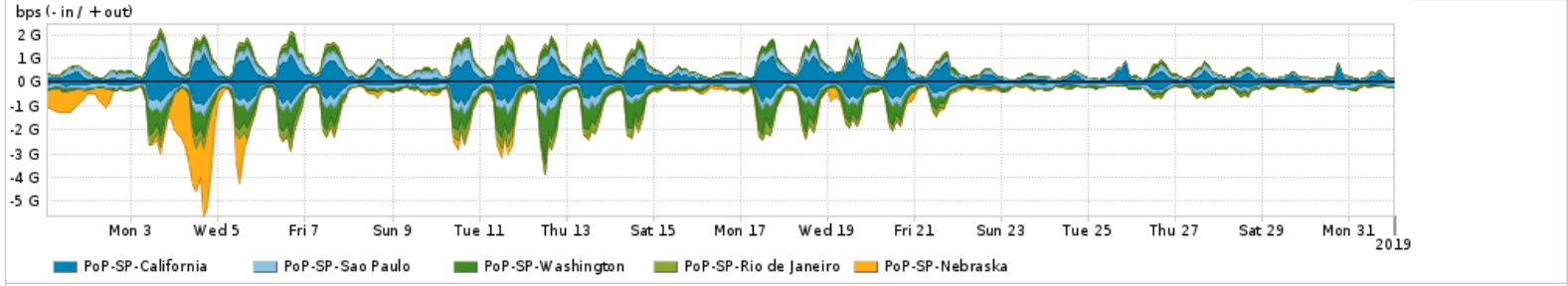


Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	PoP-MG	1.01 Mbps	57.98 Mbps	58.99 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-SP	22.56 Mbps	22.56 Mbps	45.12 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-DF	702.87 Kbps	34.71 Mbps	35.41 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-RJ	799.09 Kbps	25.51 Mbps	26.31 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-PA	428.40 Kbps	25.29 Mbps	25.72 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RS	11.24 Mbps	8.91 Mbps	20.15 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PR	18.21 Mbps	1.84 Mbps	20.05 Mbps
<input type="checkbox"/>	PoP-SP	PoP-GO	272.19 Kbps	18.85 Mbps	19.13 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PE	171.41 Kbps	9.76 Mbps	9.93 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	PoP-AM	160.67 Kbps	7.72 Mbps	7.88 Mbps

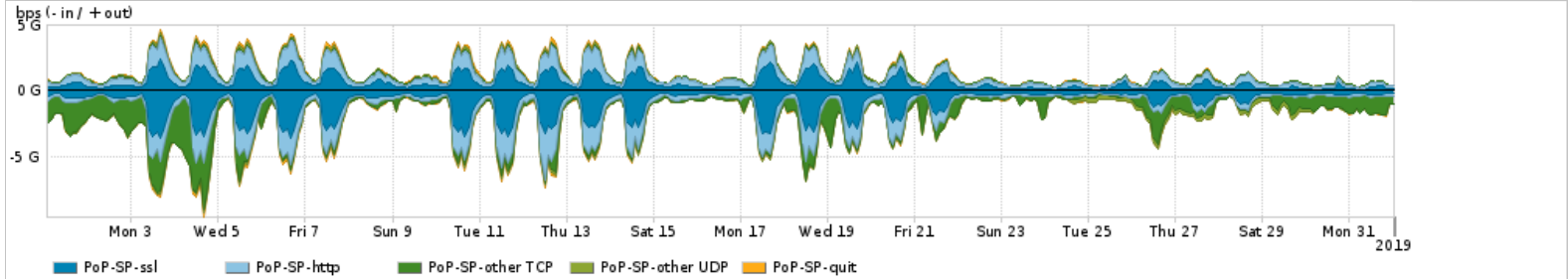
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

	PROFILE	REGION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	California	207.04 Mbps	306.58 Mbps	513.63 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Sao Paulo	154.14 Mbps	183.60 Mbps	337.74 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Washington	244.30 Mbps	79.66 Mbps	323.96 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Rio de Janeiro	117.12 Mbps	58.13 Mbps	175.25 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Nebraska	150.77 Mbps	7.23 Kbps	150.77 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	80.98 Mbps	64.06 Mbps	145.05 Mbps
<input type="checkbox"/>	PoP-SP	Massachusetts	124.95 Mbps	8.28 Mbps	133.24 Mbps
<input type="checkbox"/>	PoP-SP	Minas Gerais	6.26 Mbps	76.33 Mbps	82.59 Mbps
<input type="checkbox"/>	PoP-SP	Maryland	51.80 Mbps	3.90 Mbps	55.70 Mbps
<input type="checkbox"/>	PoP-SP	Distrito Federal	4.36 Mbps	45.41 Mbps	49.77 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	46.12 Mbps	1.48 Mbps	47.60 Mbps
<input type="checkbox"/>	PoP-SP	Rio Grande do Sul	6.43 Mbps	28.08 Mbps	34.51 Mbps
<input type="checkbox"/>	PoP-SP	Arizona	32.81 Mbps	802.49 Kbps	33.61 Mbps
<input type="checkbox"/>	PoP-SP	Goiás	1.22 Mbps	23.88 Mbps	25.10 Mbps
<input type="checkbox"/>	PoP-SP	Pernambuco	8.49 Mbps	16.21 Mbps	24.70 Mbps

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

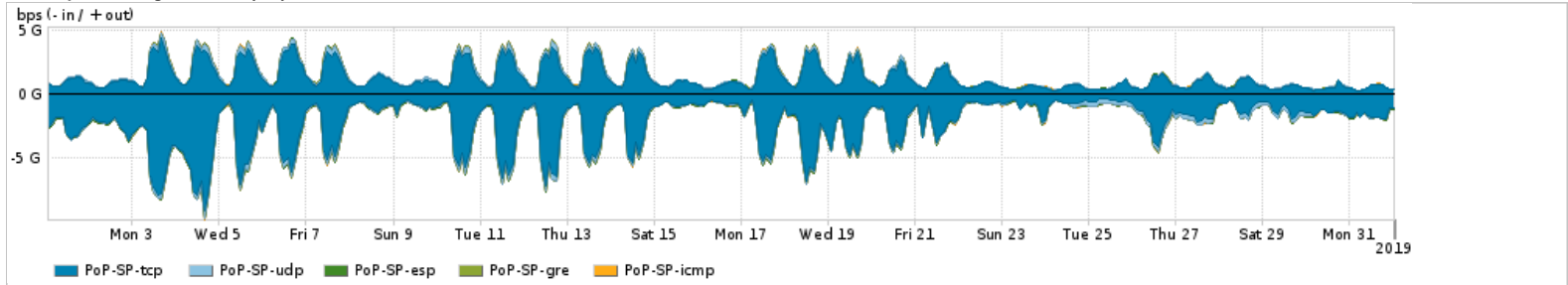


Average | Max | PCT95

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	ssl	881.75 Mbps	608.88 Mbps	1.49 Gbps
<input checked="" type="checkbox"/>	PoP-SP	http	583.31 Mbps	562.12 Mbps	1.15 Gbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	other TCP	694.50 Mbps	92.68 Mbps	787.18 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other UDP	94.52 Mbps	66.89 Mbps	161.40 Mbps
<input checked="" type="checkbox"/>	PoP-SP	quit	37.23 Mbps	45.53 Mbps	82.76 Mbps
<input type="checkbox"/>	PoP-SP	ssh	14.43 Mbps	24.40 Mbps	38.82 Mbps
<input type="checkbox"/>	PoP-SP	rsync	10.94 Mbps	7.47 Mbps	18.41 Mbps
<input type="checkbox"/>	PoP-SP	macromedia-fcs	1.13 Mbps	9.13 Mbps	10.26 Mbps
<input type="checkbox"/>	PoP-SP	smtp	2.75 Mbps	6.49 Mbps	9.24 Mbps
<input type="checkbox"/>	PoP-SP	dns	3.11 Mbps	2.57 Mbps	5.68 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	tcp	2.20 Gbps	1.32 Gbps	3.51 Gbps
<input checked="" type="checkbox"/>	PoP-SP	udp	141.11 Mbps	120.72 Mbps	261.84 Mbps
<input checked="" type="checkbox"/>	PoP-SP	esp	42.70 Mbps	5.63 Mbps	48.32 Mbps
<input checked="" type="checkbox"/>	PoP-SP	gre	2.96 Mbps	13.87 Mbps	16.84 Mbps
<input checked="" type="checkbox"/>	PoP-SP	icmp	5.43 Mbps	6.91 Mbps	12.34 Mbps
<input type="checkbox"/>	PoP-SP	ipv6	68.35 Kbps	130.34 Kbps	198.69 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	39.97 Kbps	42.98 Kbps	82.95 Kbps
<input type="checkbox"/>	PoP-SP	sctp	209.00 bps	0.00 bps	209.00 bps
<input type="checkbox"/>	PoP-SP	ipv6-nonxt	0.00 bps	0.00 bps	0.00 bps
<input type="checkbox"/>	PoP-SP	63	0.00 bps	0.00 bps	0.00 bps

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