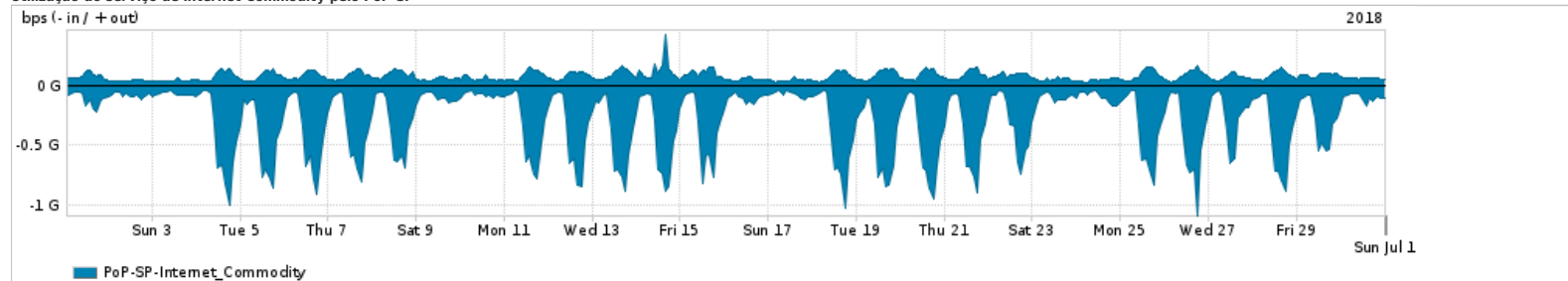


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

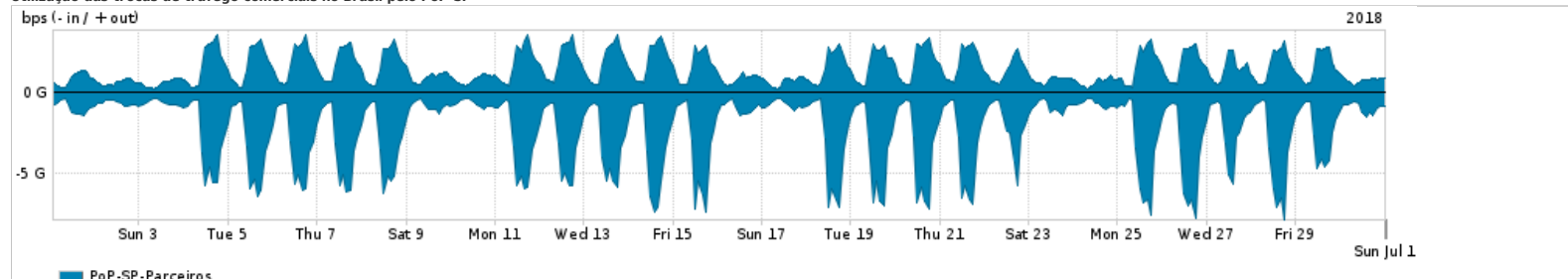
Legenda:
 PoP - Ponto de presença da RNP
 Parceiros - Provedores comerciais que a RNP mantém acordos de troca de tráfego
 Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara
 Internet commodity - Acesso pago à Internet global que é oferecido pela RNP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



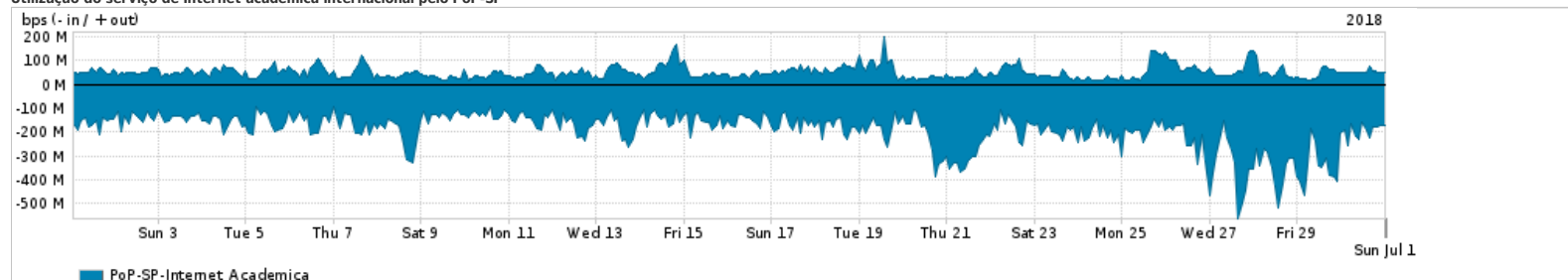
PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-SP	Internet_Commodity	285.86 Mbps	70.43 Mbps	356.29 Mbps

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



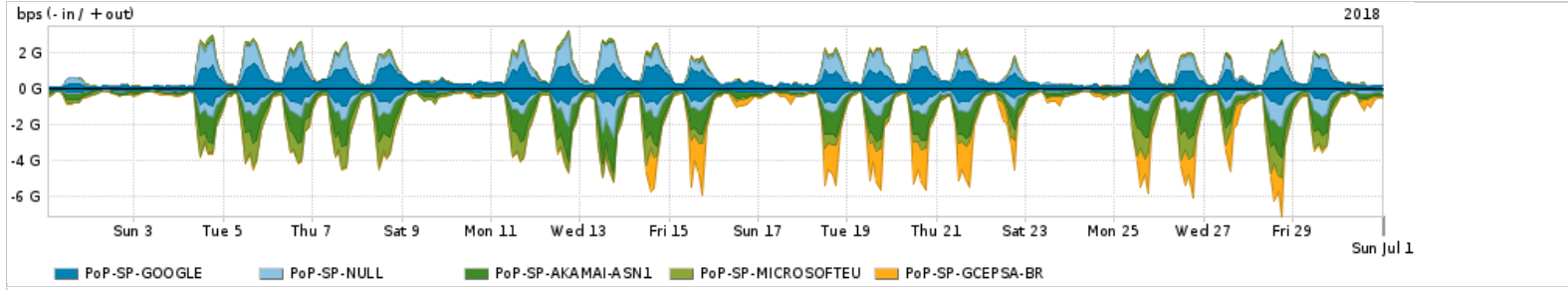
PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-SP	Parceiros	2.31 Gbps	1.47 Gbps	3.79 Gbps

Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/> PoP-SP	Internet_Academica	191.82 Mbps	50.43 Mbps	242.25 Mbps

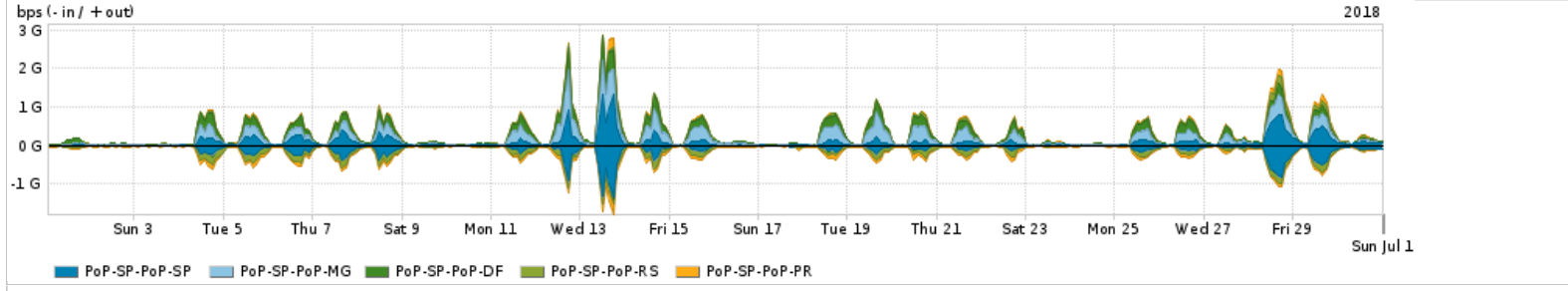
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

	PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	GOOGLE	15169	265.87 Mbps	494.43 Mbps	760.30 Mbps
<input checked="" type="checkbox"/>	PoP-SP	NULL	0	227.89 Mbps	306.51 Mbps	534.40 Mbps
<input checked="" type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	495.83 Mbps	8.41 Mbps	504.24 Mbps
<input checked="" type="checkbox"/>	PoP-SP	MICROSOFTEU	8068	351.75 Mbps	63.22 Mbps	414.97 Mbps
<input checked="" type="checkbox"/>	PoP-SP	GCEPSA-BR	28604	267.90 Mbps	5.90 Mbps	273.80 Mbps
<input type="checkbox"/>	PoP-SP	CLARO	28573	50.35 Mbps	174.23 Mbps	224.58 Mbps
<input type="checkbox"/>	PoP-SP	AMAZON-02	16509	105.84 Mbps	33.52 Mbps	139.36 Mbps
<input type="checkbox"/>	PoP-SP	MICROSOFT-CORP-MSN-AS-BLOCK	8075	42.24 Mbps	54.78 Mbps	97.02 Mbps
<input type="checkbox"/>	PoP-SP	APPLE	714	35.53 Mbps	53.55 Mbps	89.07 Mbps
<input type="checkbox"/>	PoP-SP	AMAZON-AES	14618	28.34 Mbps	53.25 Mbps	81.59 Mbps

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

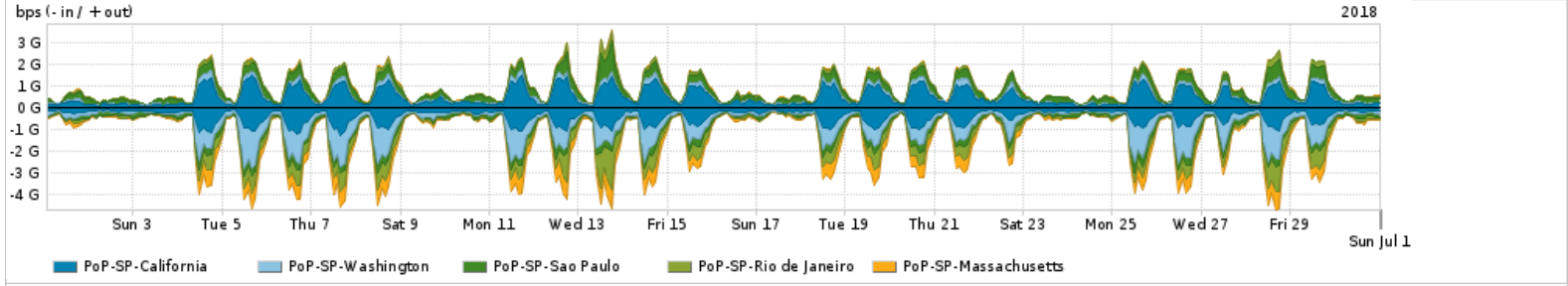


Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	PoP-SP	85.25 Mbps	85.25 Mbps	170.50 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-MG	2.45 Mbps	122.89 Mbps	125.35 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-DF	1.80 Mbps	88.17 Mbps	89.97 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-RS	54.62 Mbps	20.13 Mbps	74.75 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-PR	40.37 Mbps	12.79 Mbps	53.16 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RJ	1.68 Mbps	46.52 Mbps	48.20 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PA	653.11 Kbps	37.69 Mbps	38.35 Mbps
<input type="checkbox"/>	PoP-SP	PoP-GO	603.30 Kbps	34.13 Mbps	34.73 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PE	342.31 Kbps	19.07 Mbps	19.41 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	PoP-AM	380.84 Kbps	17.27 Mbps	17.65 Mbps

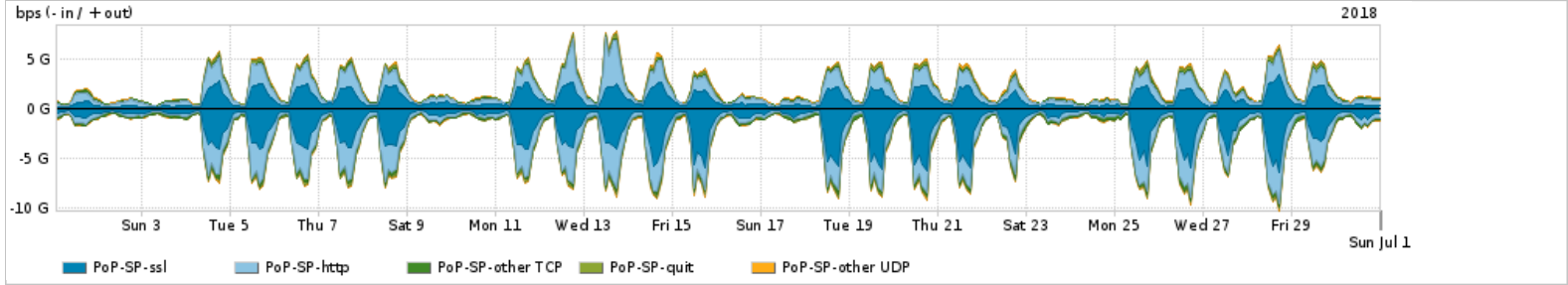
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

	PROFILE	REGION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	California	393.85 Mbps	470.92 Mbps	864.77 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Washington	409.19 Mbps	85.64 Mbps	494.83 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Sao Paulo	168.19 Mbps	262.22 Mbps	430.41 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Rio de Janeiro	244.24 Mbps	80.65 Mbps	324.89 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Massachusetts	218.61 Mbps	14.98 Mbps	233.59 Mbps
<input type="checkbox"/>	PoP-SP	Minas Gerais	15.72 Mbps	171.80 Mbps	187.52 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	87.82 Mbps	88.20 Mbps	176.01 Mbps
<input type="checkbox"/>	PoP-SP	Distrito Federal	5.14 Mbps	87.17 Mbps	92.31 Mbps
<input type="checkbox"/>	PoP-SP	Rio Grande do Sul	10.28 Mbps	51.01 Mbps	61.29 Mbps
<input type="checkbox"/>	PoP-SP	Parana	9.13 Mbps	35.37 Mbps	44.50 Mbps
<input type="checkbox"/>	PoP-SP	Goiias	1.74 Mbps	39.31 Mbps	41.05 Mbps
<input type="checkbox"/>	PoP-SP	Delaware	36.94 Mbps	639.65 Kbps	37.58 Mbps
<input type="checkbox"/>	PoP-SP	Santa Catarina	3.21 Mbps	27.19 Mbps	30.40 Mbps
<input type="checkbox"/>	PoP-SP	Amazonas	854.05 Kbps	27.39 Mbps	28.24 Mbps
<input type="checkbox"/>	PoP-SP	Para	549.66 Kbps	26.13 Mbps	26.68 Mbps

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

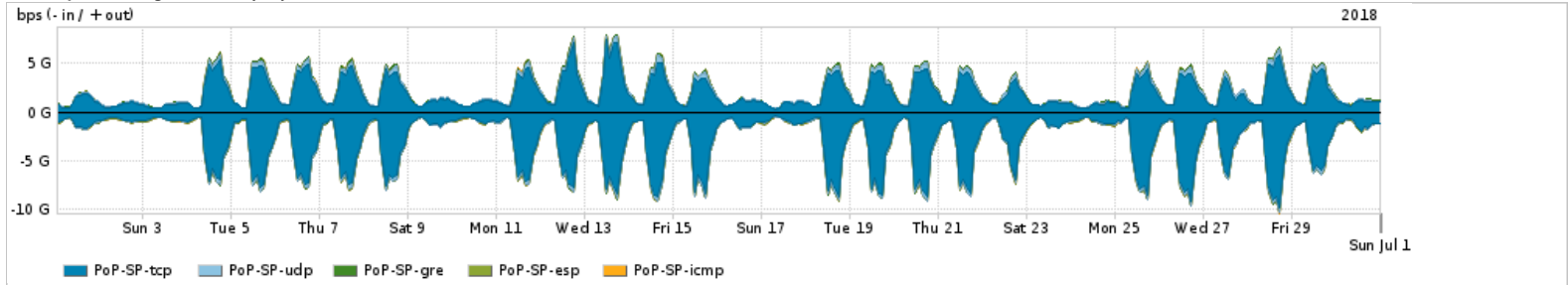


Average | Max | PCT95

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	ssl	1.54 Gbps	930.00 Mbps	2.47 Gbps
<input checked="" type="checkbox"/>	PoP-SP	http	1.03 Gbps	846.20 Mbps	1.87 Gbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	other TCP	226.47 Mbps	115.17 Mbps	341.64 Mbps
<input checked="" type="checkbox"/>	PoP-SP	quit	77.66 Mbps	110.95 Mbps	188.61 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other UDP	71.74 Mbps	95.60 Mbps	167.35 Mbps
<input type="checkbox"/>	PoP-SP	ssh	18.22 Mbps	14.18 Mbps	32.40 Mbps
<input type="checkbox"/>	PoP-SP	rsync	14.27 Mbps	3.18 Mbps	17.45 Mbps
<input type="checkbox"/>	PoP-SP	smtp	4.18 Mbps	7.22 Mbps	11.39 Mbps
<input type="checkbox"/>	PoP-SP	dns	3.90 Mbps	2.96 Mbps	6.86 Mbps
<input type="checkbox"/>	PoP-SP	macromedia-fcs	1.72 Mbps	4.09 Mbps	5.81 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	tcp	2.84 Gbps	1.93 Gbps	4.77 Gbps
<input checked="" type="checkbox"/>	PoP-SP	udp	158.22 Mbps	212.51 Mbps	370.74 Mbps
<input checked="" type="checkbox"/>	PoP-SP	gre	10.89 Mbps	64.94 Mbps	75.83 Mbps
<input checked="" type="checkbox"/>	PoP-SP	esp	51.65 Mbps	6.96 Mbps	58.61 Mbps
<input checked="" type="checkbox"/>	PoP-SP	icmp	1.39 Mbps	2.29 Mbps	3.68 Mbps
<input type="checkbox"/>	PoP-SP	ipv6	89.08 Kbps	109.07 Kbps	198.14 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	31.33 Kbps	48.75 Kbps	80.08 Kbps
<input type="checkbox"/>	PoP-SP	sctp	192.00 bps	0.00 bps	192.00 bps
<input type="checkbox"/>	PoP-SP	255	122.00 bps	0.00 bps	122.00 bps
<input type="checkbox"/>	PoP-SP	rsvp	1.00 bps	0.00 bps	1.00 bps

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