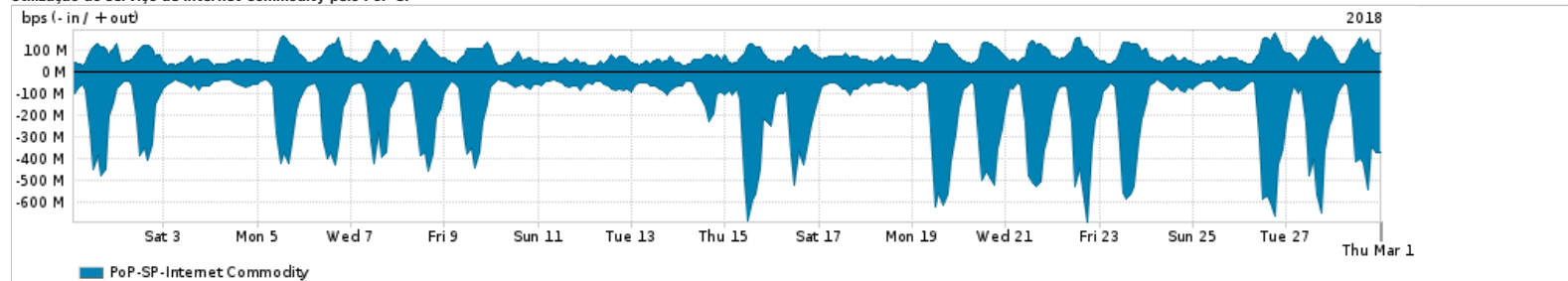


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

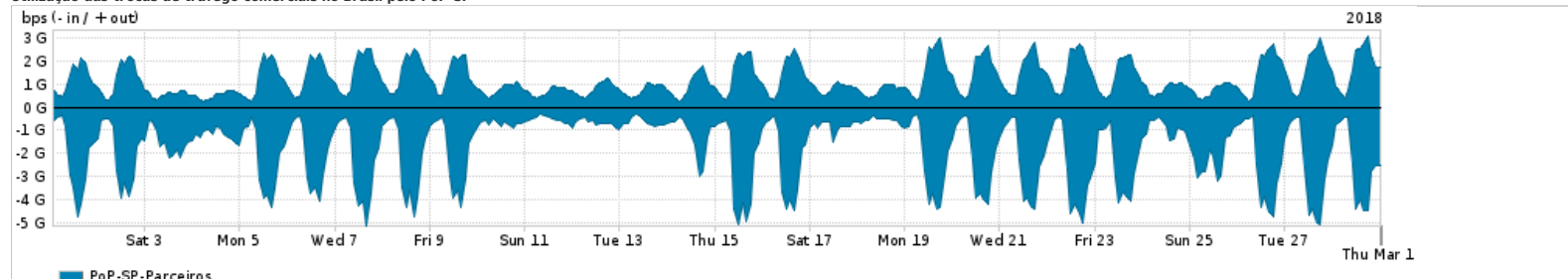
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	Internet Commodity	181.66 Mbps	74.64 Mbps	256.30 Mbps

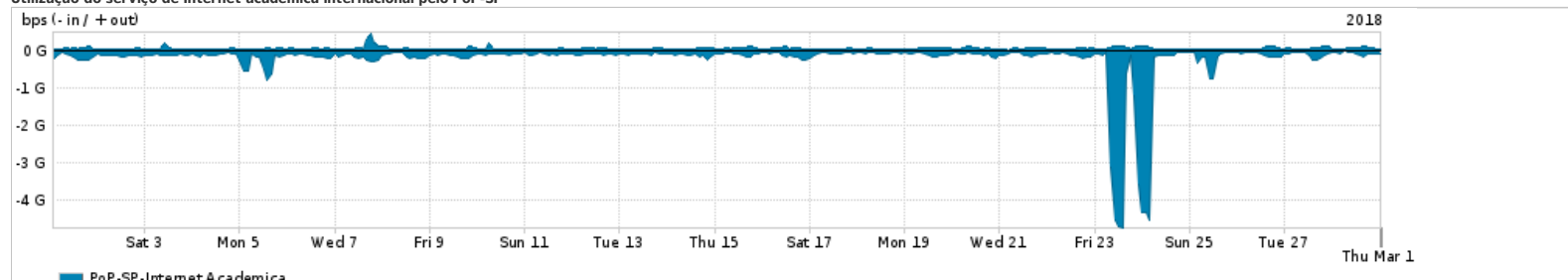
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	Parceiros	1.79 Gbps	1.17 Gbps	2.96 Gbps

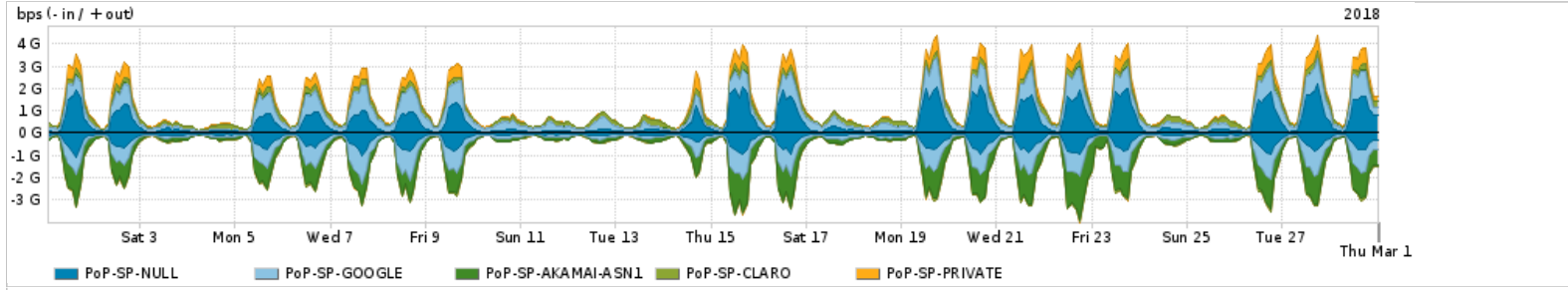
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	Internet Acadêmica	230.76 Mbps	55.11 Mbps	285.86 Mbps

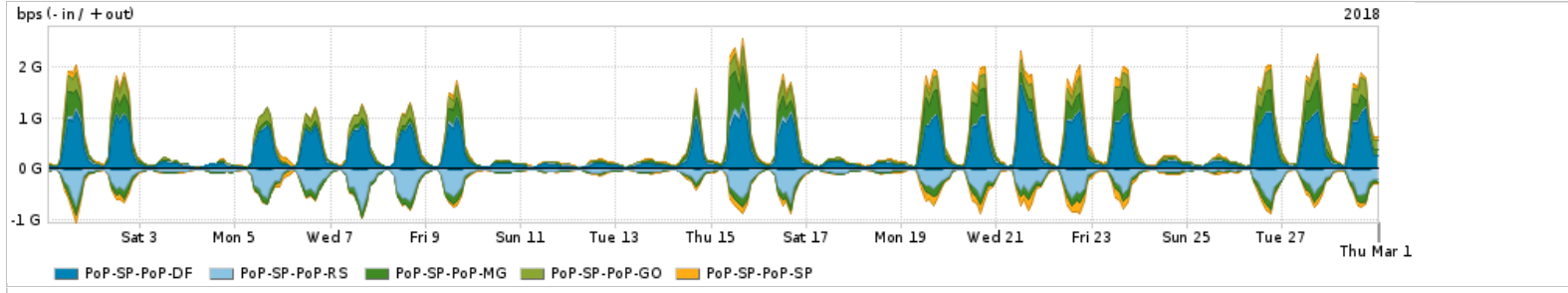
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

	PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	NULL	0	249.58 Mbps	486.58 Mbps	736.16 Mbps
<input checked="" type="checkbox"/>	PoP-SP	GOOGLE	15169	324.92 Mbps	407.24 Mbps	732.15 Mbps
<input checked="" type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	401.09 Mbps	7.57 Mbps	408.67 Mbps
<input checked="" type="checkbox"/>	PoP-SP	CLARO	28573	38.10 Mbps	176.22 Mbps	214.32 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PRIVATE	65061	2.79 Mbps	183.54 Mbps	186.33 Mbps
<input type="checkbox"/>	PoP-SP	MICROSOFTEU	8068	114.30 Mbps	24.39 Mbps	138.69 Mbps
<input type="checkbox"/>	PoP-SP	EDGECAST	15133	120.62 Mbps	3.47 Mbps	124.09 Mbps
<input type="checkbox"/>	PoP-SP	VANDERBILT	7212	114.98 Mbps	2.32 Mbps	117.30 Mbps
<input type="checkbox"/>	PoP-SP	PIC	43115	91.96 Mbps	177.83 Kbps	92.13 Mbps
<input type="checkbox"/>	PoP-SP	FUDB-BR	21506	1.49 Mbps	84.25 Mbps	85.74 Mbps

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

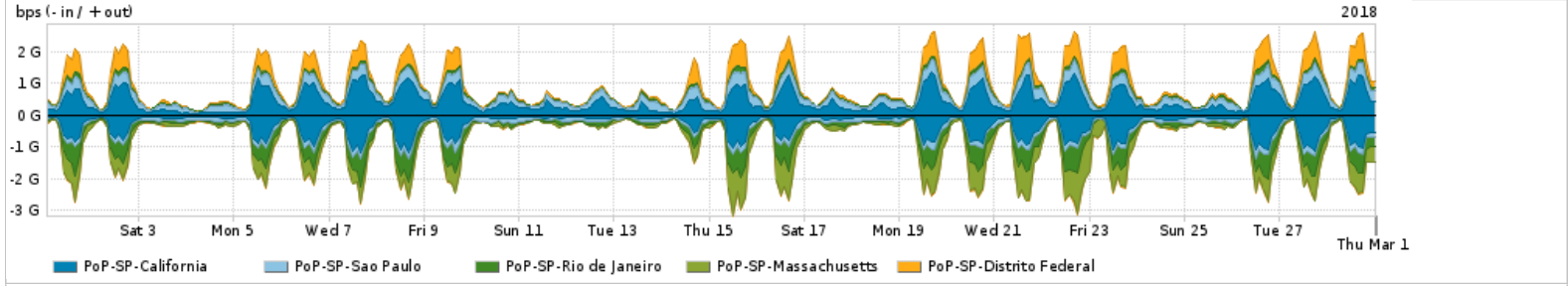


Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	PoP-DF	4.82 Mbps	291.63 Mbps	296.45 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-RS	152.85 Mbps	13.29 Mbps	166.15 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-MG	48.52 Mbps	101.80 Mbps	150.33 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-GO	1.82 Mbps	89.13 Mbps	90.95 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-SP	35.73 Mbps	35.73 Mbps	71.47 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MS	1.35 Mbps	64.46 Mbps	65.81 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MT	831.63 Kbps	38.56 Mbps	39.39 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PR	36.87 Mbps	933.56 Kbps	37.80 Mbps
<input type="checkbox"/>	PoP-SP	PoP-AM	1.41 Mbps	32.07 Mbps	33.47 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	PoP-TO	698.65 Kbps	30.38 Mbps	31.08 Mbps

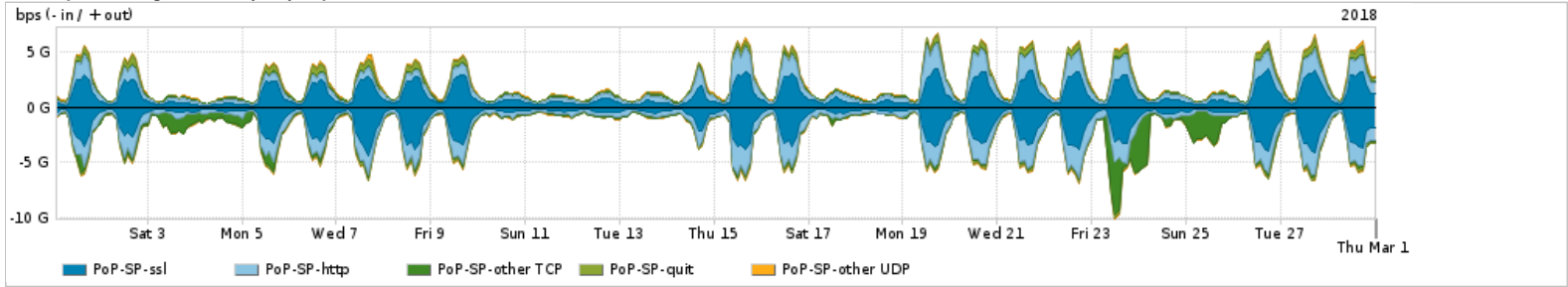
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

	PROFILE	REGION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	California	313.04 Mbps	433.41 Mbps	746.46 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Sao Paulo	106.65 Mbps	214.40 Mbps	321.06 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Rio de Janeiro	211.90 Mbps	56.48 Mbps	268.38 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Massachusetts	244.61 Mbps	12.09 Mbps	256.70 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Distrito Federal	14.07 Mbps	212.66 Mbps	226.73 Mbps
<input type="checkbox"/>	PoP-SP	Minas Gerais	57.44 Mbps	137.78 Mbps	195.22 Mbps
<input type="checkbox"/>	PoP-SP	Washington	121.88 Mbps	32.87 Mbps	154.76 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	49.48 Mbps	35.10 Mbps	84.59 Mbps
<input type="checkbox"/>	PoP-SP	Mato Grosso do Sul	1.64 Mbps	75.54 Mbps	77.18 Mbps
<input type="checkbox"/>	PoP-SP	Goias	2.24 Mbps	65.74 Mbps	67.98 Mbps
<input type="checkbox"/>	PoP-SP	Mato Grosso	1.08 Mbps	52.31 Mbps	53.39 Mbps
<input type="checkbox"/>	PoP-SP	Maryland	45.65 Mbps	5.44 Mbps	51.10 Mbps
<input type="checkbox"/>	PoP-SP	Parana	31.69 Mbps	14.41 Mbps	46.09 Mbps
<input type="checkbox"/>	PoP-SP	Delaware	43.66 Mbps	650.48 Kbps	44.31 Mbps
<input type="checkbox"/>	PoP-SP	Para	745.98 Kbps	32.49 Mbps	33.24 Mbps

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

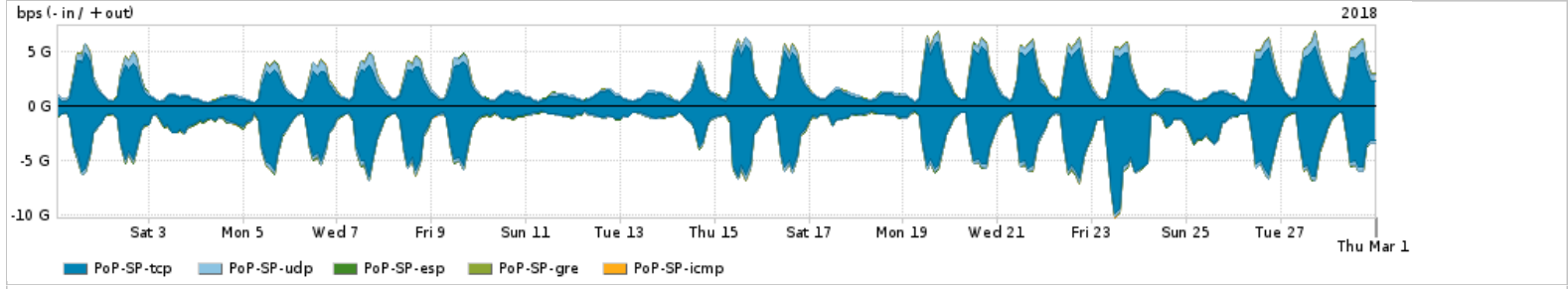


Average | Max | PCT95

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	ssl	1.17 Gbps	1.03 Gbps	2.20 Gbps
<input checked="" type="checkbox"/>	PoP-SP	http	732.37 Mbps	624.01 Mbps	1.36 Gbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	other TCP	374.47 Mbps	123.56 Mbps	498.02 Mbps
<input checked="" type="checkbox"/>	PoP-SP	quit	79.45 Mbps	213.32 Mbps	292.78 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other UDP	48.26 Mbps	84.83 Mbps	133.09 Mbps
<input type="checkbox"/>	PoP-SP	ssh	13.45 Mbps	13.80 Mbps	27.25 Mbps
<input type="checkbox"/>	PoP-SP	rsync	15.28 Mbps	11.11 Mbps	26.39 Mbps
<input type="checkbox"/>	PoP-SP	ldap	679.11 Kbps	10.22 Mbps	10.90 Mbps
<input type="checkbox"/>	PoP-SP	smtp	3.45 Mbps	5.30 Mbps	8.75 Mbps
<input type="checkbox"/>	PoP-SP	dns	3.68 Mbps	3.00 Mbps	6.67 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	tcp	2.32 Gbps	1.82 Gbps	4.13 Gbps
<input checked="" type="checkbox"/>	PoP-SP	udp	134.34 Mbps	317.91 Mbps	452.24 Mbps
<input checked="" type="checkbox"/>	PoP-SP	esp	41.61 Mbps	6.86 Mbps	48.47 Mbps
<input checked="" type="checkbox"/>	PoP-SP	gre	6.57 Mbps	40.07 Mbps	46.64 Mbps
<input checked="" type="checkbox"/>	PoP-SP	icmp	1.21 Mbps	2.15 Mbps	3.36 Mbps
<input type="checkbox"/>	PoP-SP	ipv6	118.16 Kbps	6.66 Kbps	124.82 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	36.62 Kbps	76.30 Kbps	112.92 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-nonxt	48.00 bps	0.00 bps	48.00 bps
<input type="checkbox"/>	PoP-SP	sctp	5.00 bps	0.00 bps	5.00 bps
<input type="checkbox"/>	PoP-SP	tlsp	0.00 bps	0.00 bps	0.00 bps

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