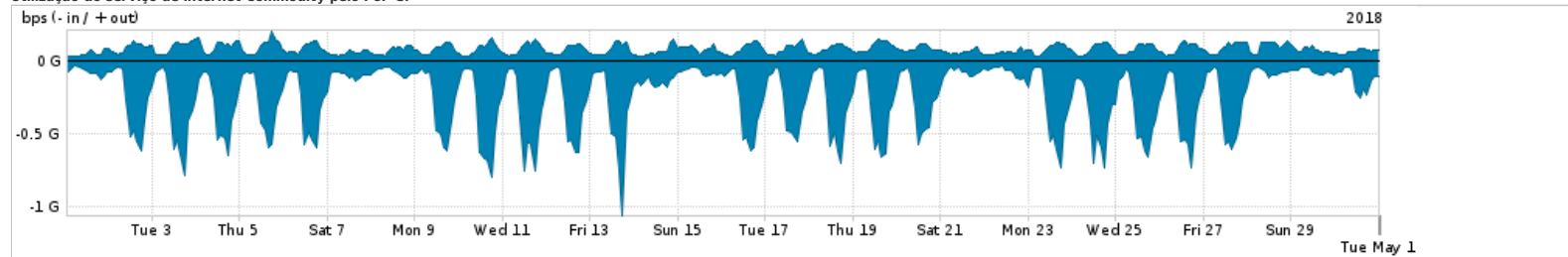


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

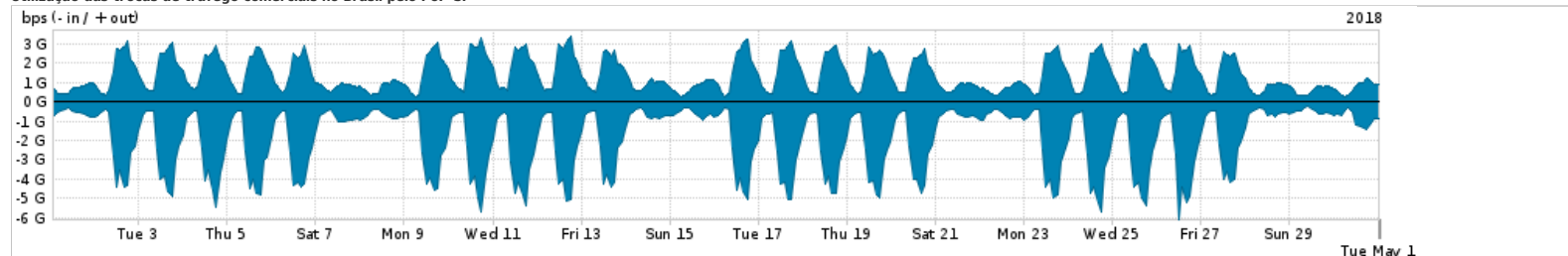
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
X	PoP-SP	Internet Commodity	245.08 Mbps	75.16 Mbps	320.24 Mbps

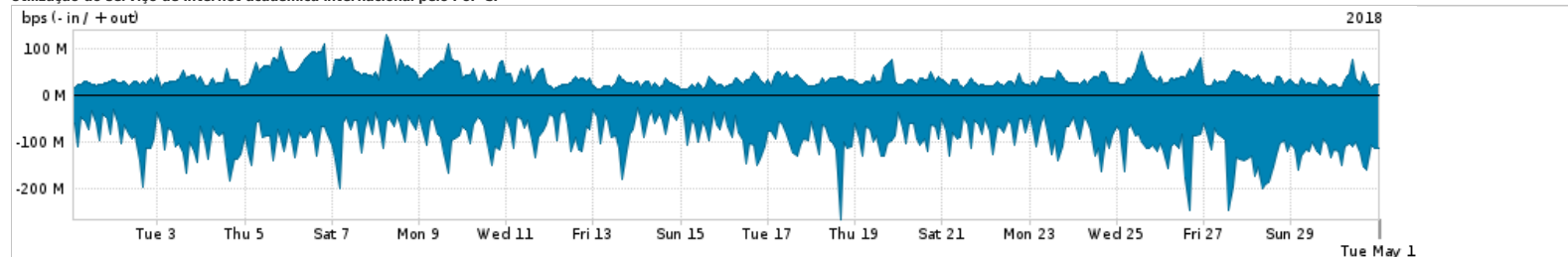
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
X	PoP-SP	Parceiros	1.91 Gbps	1.38 Gbps	3.29 Gbps

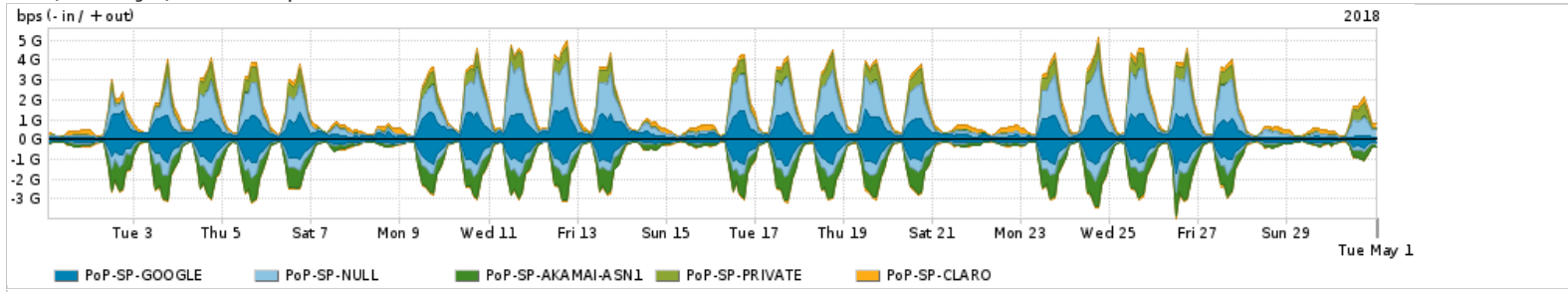
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
X	PoP-SP	Internet Acadêmica	93.05 Mbps	36.17 Mbps	129.22 Mbps

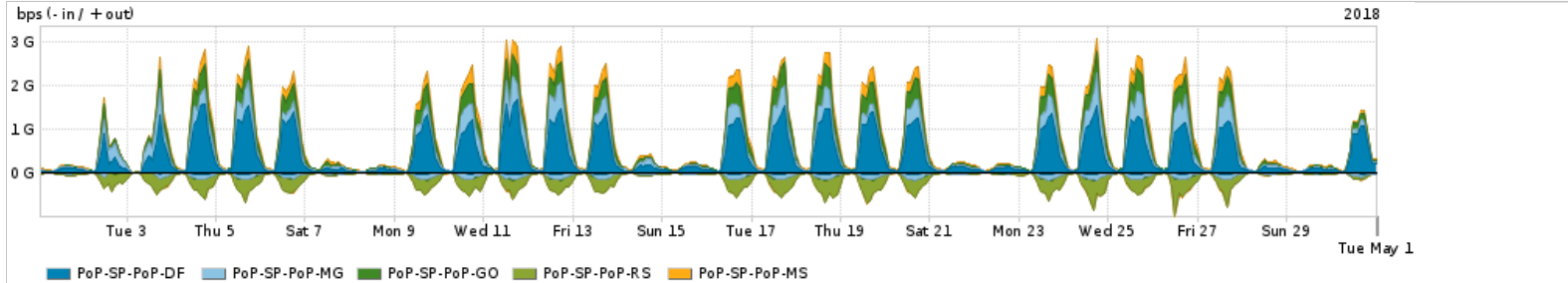
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

	PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	GOOGLE	15169	408.86 Mbps	501.35 Mbps	910.21 Mbps
<input checked="" type="checkbox"/>	PoP-SP	NULL	0	203.47 Mbps	628.39 Mbps	831.86 Mbps
<input checked="" type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	418.74 Mbps	9.30 Mbps	428.04 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PRIVATE	65061	3.14 Mbps	220.98 Mbps	224.12 Mbps
<input checked="" type="checkbox"/>	PoP-SP	CLARO	28573	41.95 Mbps	169.40 Mbps	211.35 Mbps
<input type="checkbox"/>	PoP-SP	FUDB-BR	21506	3.00 Mbps	158.44 Mbps	161.44 Mbps
<input type="checkbox"/>	PoP-SP	MICROSOFTEU	8068	122.84 Mbps	26.23 Mbps	149.07 Mbps
<input type="checkbox"/>	PoP-SP	AMAZON-02	16509	77.16 Mbps	30.41 Mbps	107.57 Mbps
<input type="checkbox"/>	PoP-SP	EDGECAST	15133	97.10 Mbps	3.93 Mbps	101.03 Mbps
<input type="checkbox"/>	PoP-SP	APPLE	714	37.86 Mbps	58.22 Mbps	96.08 Mbps

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

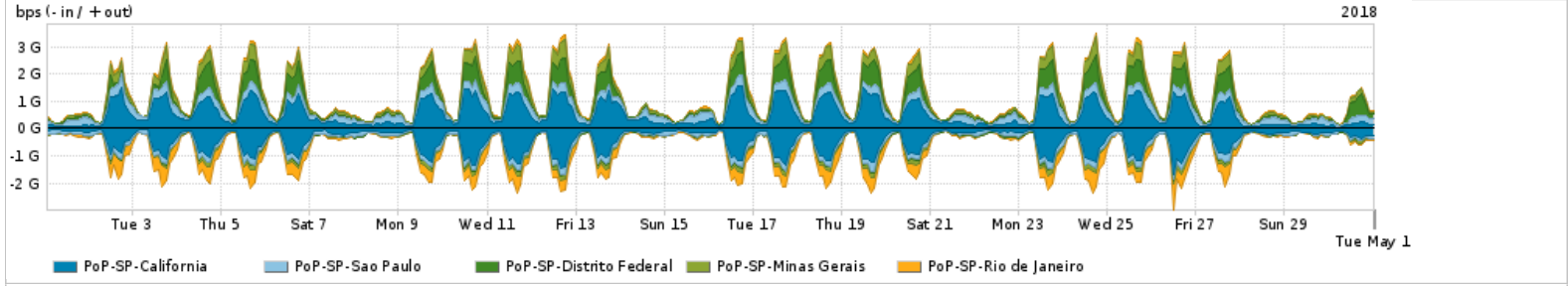


Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	PoP-DF	6.63 Mbps	405.89 Mbps	412.52 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-MG	39.12 Mbps	149.68 Mbps	188.80 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-GO	2.46 Mbps	144.32 Mbps	146.79 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-RS	132.66 Mbps	4.59 Mbps	137.25 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-MS	1.71 Mbps	94.57 Mbps	96.28 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MT	887.90 Kbps	46.87 Mbps	47.76 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PA	871.51 Kbps	46.20 Mbps	47.07 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PR	44.65 Mbps	393.82 Kbps	45.04 Mbps
<input type="checkbox"/>	PoP-SP	PoP-AM	1.26 Mbps	43.09 Mbps	44.35 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	PoP-SP	21.47 Mbps	21.47 Mbps	42.94 Mbps

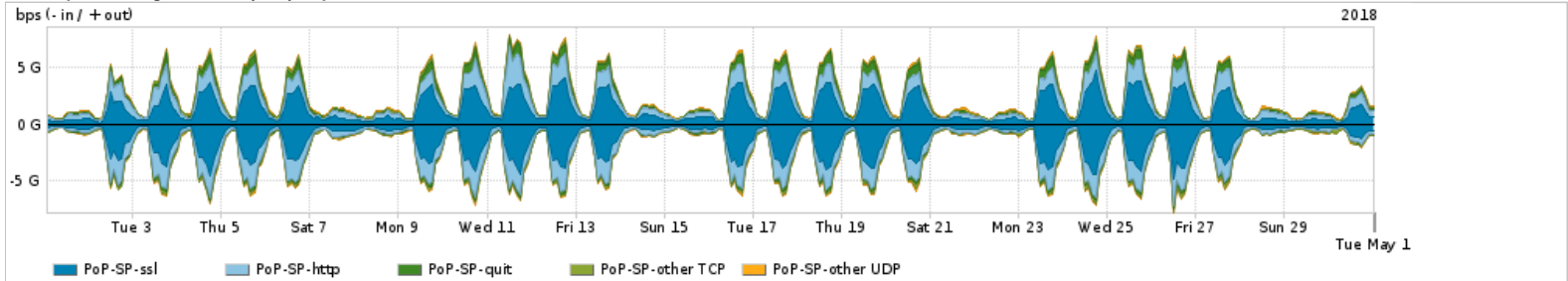
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

	PROFILE	REGION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	California	423.52 Mbps	513.02 Mbps	936.54 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Sao Paulo	121.26 Mbps	207.70 Mbps	328.97 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Distrito Federal	17.95 Mbps	248.66 Mbps	266.60 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Minas Gerais	52.21 Mbps	192.22 Mbps	244.43 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Rio de Janeiro	181.87 Mbps	56.51 Mbps	238.37 Mbps
<input type="checkbox"/>	PoP-SP	Washington	161.48 Mbps	35.76 Mbps	197.23 Mbps
<input type="checkbox"/>	PoP-SP	Massachusetts	143.98 Mbps	13.63 Mbps	157.61 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	70.29 Mbps	44.94 Mbps	115.23 Mbps
<input type="checkbox"/>	PoP-SP	Mato Grosso do Sul	2.09 Mbps	111.26 Mbps	113.35 Mbps
<input type="checkbox"/>	PoP-SP	Goiás	2.82 Mbps	106.66 Mbps	109.48 Mbps
<input type="checkbox"/>	PoP-SP	Mato Grosso	1.26 Mbps	62.92 Mbps	64.18 Mbps
<input type="checkbox"/>	PoP-SP	Parana	38.82 Mbps	16.17 Mbps	54.99 Mbps
<input type="checkbox"/>	PoP-SP	Para	1.02 Mbps	51.22 Mbps	52.24 Mbps
<input type="checkbox"/>	PoP-SP	Delaware	42.18 Mbps	738.34 Kbps	42.92 Mbps
<input type="checkbox"/>	PoP-SP	Rio Grande do Sul	5.47 Mbps	34.96 Mbps	40.43 Mbps

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

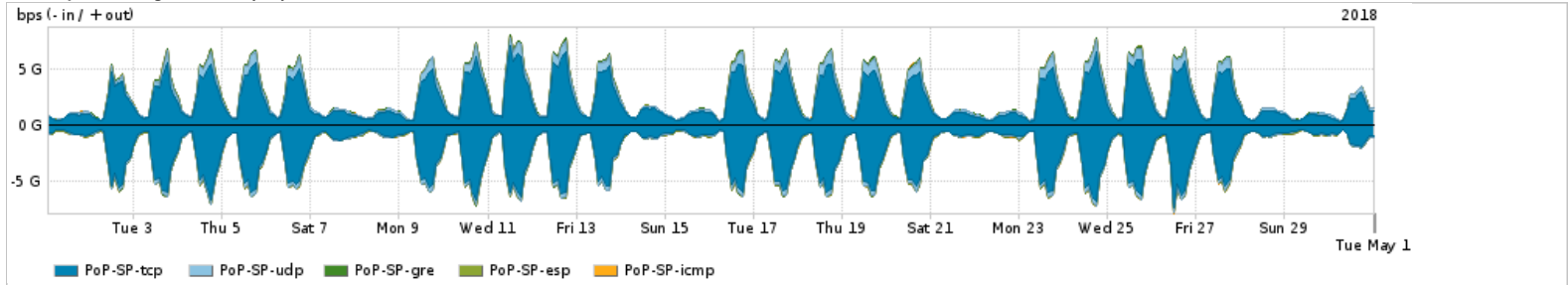


Average | Max | PCT95

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	ssl	1.36 Gbps	1.28 Gbps	2.64 Gbps
<input checked="" type="checkbox"/>	PoP-SP	http	759.13 Mbps	725.15 Mbps	1.48 Gbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	quit	85.21 Mbps	276.97 Mbps	362.18 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other TCP	135.78 Mbps	131.96 Mbps	267.74 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other UDP	62.67 Mbps	94.21 Mbps	156.88 Mbps
<input type="checkbox"/>	PoP-SP	rsync	21.76 Mbps	12.45 Mbps	34.21 Mbps
<input type="checkbox"/>	PoP-SP	ssh	14.35 Mbps	13.46 Mbps	27.81 Mbps
<input type="checkbox"/>	PoP-SP	ldap	883.51 Kbps	9.90 Mbps	10.78 Mbps
<input type="checkbox"/>	PoP-SP	smtp	3.72 Mbps	6.65 Mbps	10.37 Mbps
<input type="checkbox"/>	PoP-SP	dns	4.39 Mbps	3.06 Mbps	7.45 Mbps

Distribuição do tráfego do PoP-SP por protocolo



	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	tcp	2.30 Gbps	2.18 Gbps	4.48 Gbps
<input checked="" type="checkbox"/>	PoP-SP	udp	155.38 Mbps	391.43 Mbps	546.80 Mbps
<input checked="" type="checkbox"/>	PoP-SP	gre	10.44 Mbps	60.50 Mbps	70.94 Mbps
<input checked="" type="checkbox"/>	PoP-SP	esp	46.52 Mbps	5.83 Mbps	52.35 Mbps
<input checked="" type="checkbox"/>	PoP-SP	icmp	1.30 Mbps	2.20 Mbps	3.50 Mbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	37.81 Kbps	79.38 Kbps	117.18 Kbps
<input type="checkbox"/>	PoP-SP	ipv6	64.36 Kbps	18.69 Kbps	83.05 Kbps
<input type="checkbox"/>	PoP-SP	255	0.00 bps	7.86 Kbps	7.86 Kbps
<input type="checkbox"/>	PoP-SP	sctp	1.91 Kbps	0.00 bps	1.91 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-nonxt	17.00 bps	0.00 bps	17.00 bps

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