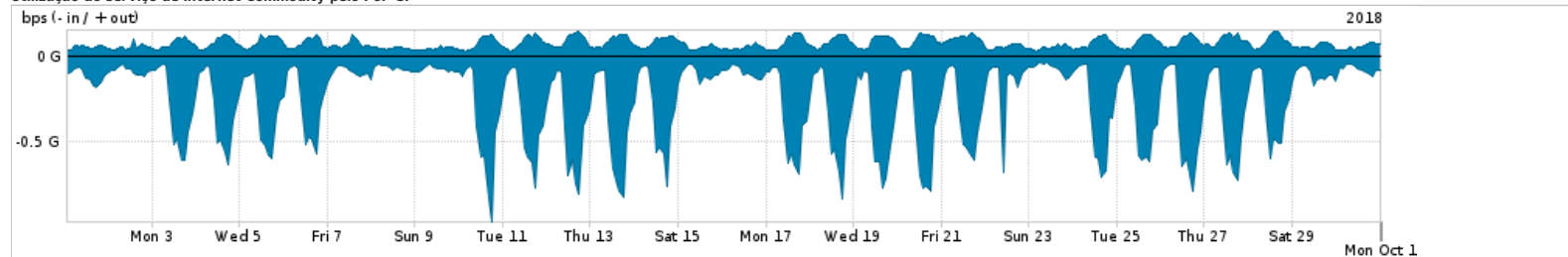


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

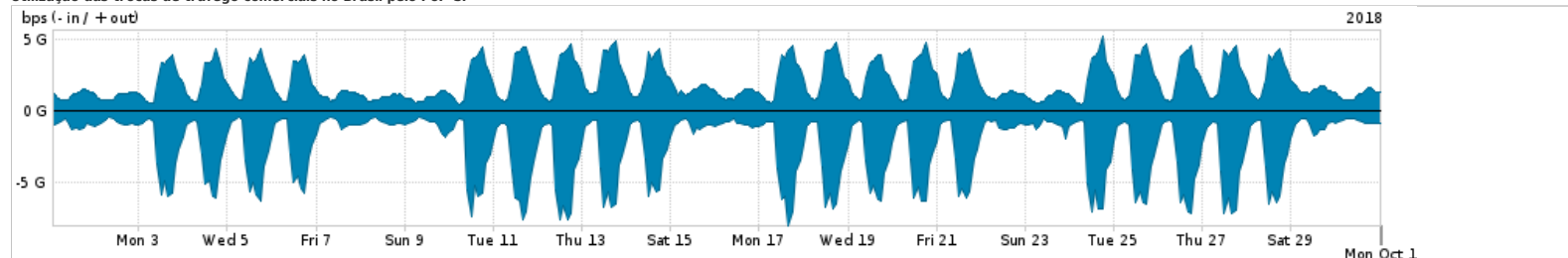
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	Internet_Commodity	254.71 Mbps	73.61 Mbps	328.33 Mbps

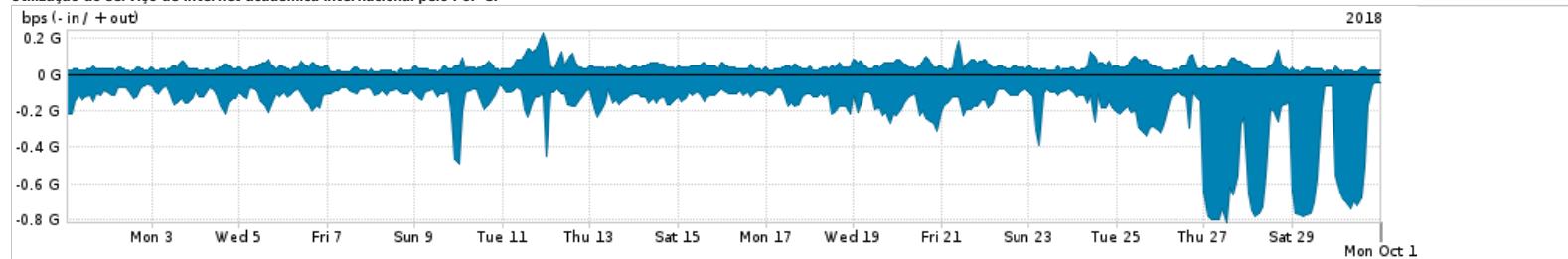
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	Parceiros	2.46 Gbps	2.03 Gbps	4.49 Gbps

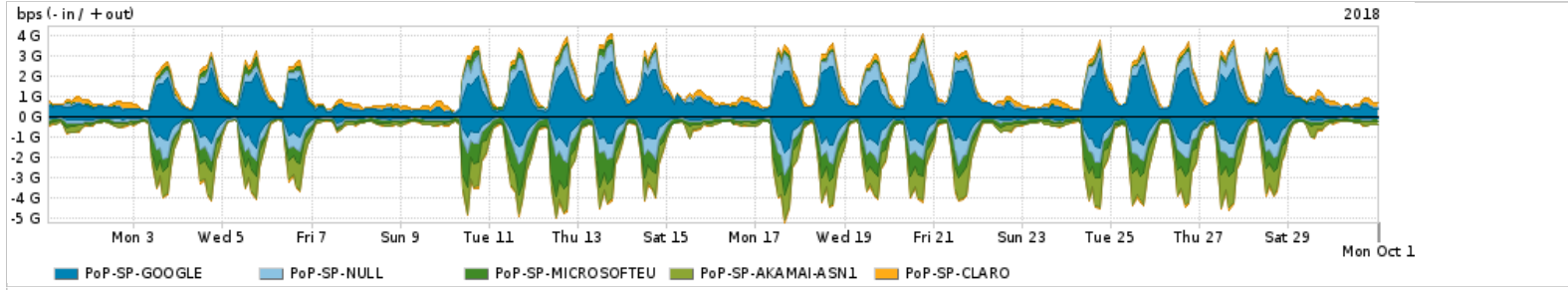
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	Internet_Academica	190.13 Mbps	45.67 Mbps	235.80 Mbps

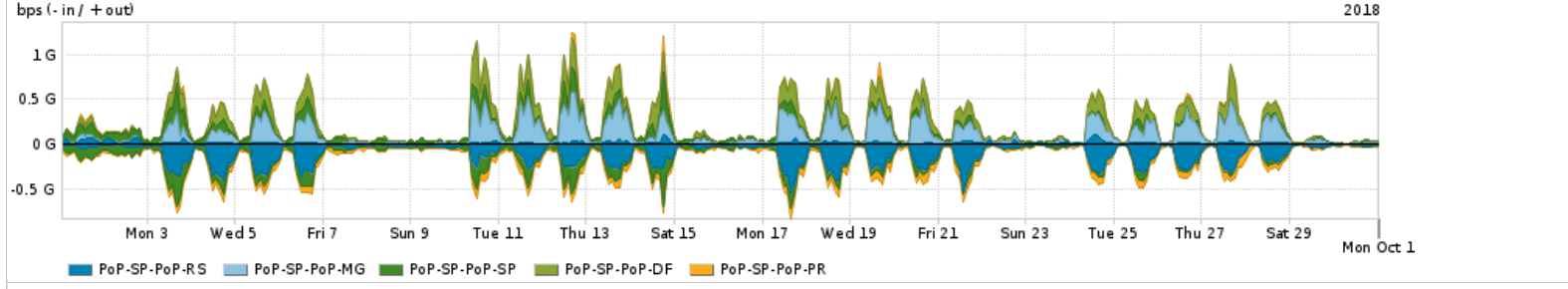
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

	PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	GOOGLE	15169	411.53 Mbps	934.19 Mbps	1.35 Gbps
<input checked="" type="checkbox"/>	PoP-SP	NULL	0	255.48 Mbps	218.73 Mbps	474.20 Mbps
<input checked="" type="checkbox"/>	PoP-SP	MICROSOFTEU	8068	385.65 Mbps	62.54 Mbps	448.19 Mbps
<input checked="" type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	415.26 Mbps	7.08 Mbps	422.34 Mbps
<input checked="" type="checkbox"/>	PoP-SP	CLARO	28573	47.08 Mbps	186.51 Mbps	233.59 Mbps
<input type="checkbox"/>	PoP-SP	AMAZON-02	16509	78.25 Mbps	33.69 Mbps	111.94 Mbps
<input type="checkbox"/>	PoP-SP	FACEBOOK	32934	97.01 Mbps	13.22 Mbps	110.23 Mbps
<input type="checkbox"/>	PoP-SP	LEVEL3-AS3549	3549	105.59 Mbps	4.44 Mbps	110.04 Mbps
<input type="checkbox"/>	PoP-SP	MICROSOFT-CORP-MSN-AS-BLOCK	8075	49.97 Mbps	57.14 Mbps	107.12 Mbps
<input type="checkbox"/>	PoP-SP	EDGECAST	15133	89.14 Mbps	3.23 Mbps	92.37 Mbps

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

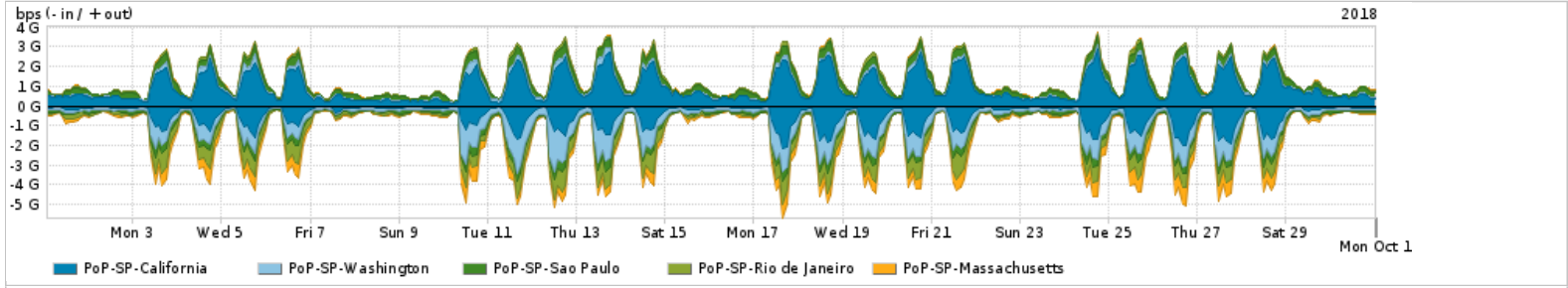


Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	PoP-RS	105.88 Mbps	10.77 Mbps	116.65 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-MG	1.86 Mbps	100.77 Mbps	102.62 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-SP	45.33 Mbps	45.33 Mbps	90.65 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-DF	1.56 Mbps	77.35 Mbps	78.91 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-PR	39.41 Mbps	4.55 Mbps	43.97 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PA	614.44 Kbps	34.43 Mbps	35.05 Mbps
<input type="checkbox"/>	PoP-SP	PoP-GO	417.73 Kbps	26.53 Mbps	26.94 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RJ	1.47 Mbps	25.30 Mbps	26.77 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MA	348.21 Kbps	17.05 Mbps	17.40 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-AM	217.97 Kbps	9.64 Mbps	9.86 Mbps

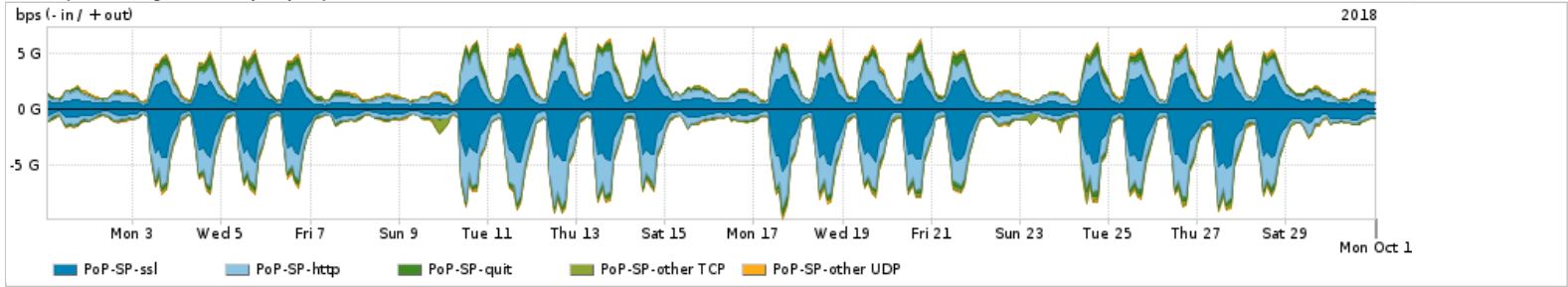
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	California	492.47 Mbps	913.97 Mbps	1.41 Gbps
<input checked="" type="checkbox"/>	PoP-SP	Washington	423.57 Mbps	82.60 Mbps	506.16 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Sao Paulo	177.75 Mbps	261.40 Mbps	439.15 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Rio de Janeiro	295.14 Mbps	72.64 Mbps	367.78 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Massachusetts	221.06 Mbps	13.90 Mbps	234.97 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	108.95 Mbps	69.12 Mbps	178.07 Mbps
<input type="checkbox"/>	PoP-SP	Minas Gerais	12.81 Mbps	146.47 Mbps	159.28 Mbps
<input type="checkbox"/>	PoP-SP	Distrito Federal	7.11 Mbps	85.51 Mbps	92.63 Mbps
<input type="checkbox"/>	PoP-SP	Rio Grande do Sul	18.04 Mbps	48.73 Mbps	66.77 Mbps
<input type="checkbox"/>	PoP-SP	Alabama	57.62 Mbps	583.32 Kbps	58.20 Mbps
<input type="checkbox"/>	PoP-SP	Parana	8.58 Mbps	36.15 Mbps	44.74 Mbps
<input type="checkbox"/>	PoP-SP	Delaware	42.82 Mbps	1.53 Mbps	44.35 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	40.53 Mbps	1.17 Mbps	41.70 Mbps
<input type="checkbox"/>	PoP-SP	Goiias	2.03 Mbps	38.63 Mbps	40.65 Mbps
<input type="checkbox"/>	PoP-SP	Arizona	32.01 Mbps	800.02 Kbps	32.81 Mbps

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

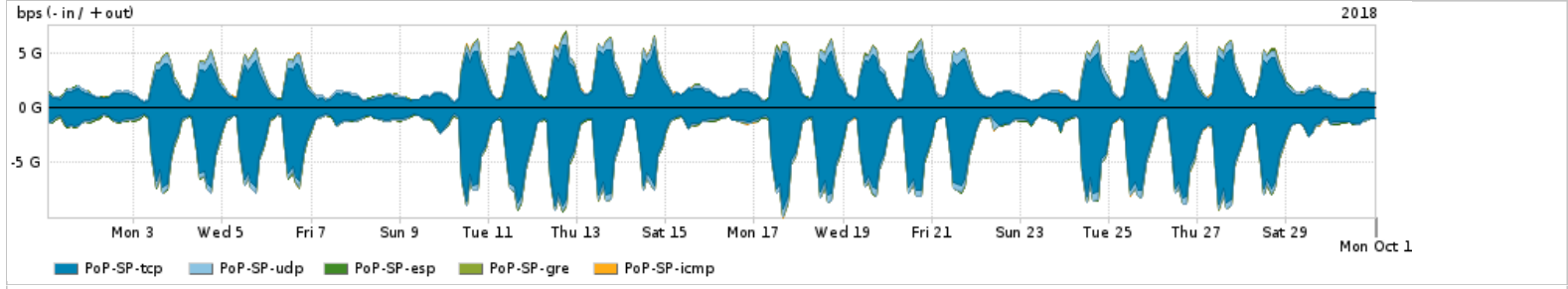


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	ssl	1.64 Gbps	1.16 Gbps	2.80 Gbps
<input checked="" type="checkbox"/>	PoP-SP	http	1.08 Gbps	825.79 Mbps	1.90 Gbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	quit	122.56 Mbps	209.48 Mbps	332.05 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other TCP	172.87 Mbps	145.91 Mbps	318.78 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other UDP	75.84 Mbps	108.13 Mbps	183.97 Mbps
<input type="checkbox"/>	PoP-SP	ssh	33.02 Mbps	13.86 Mbps	46.89 Mbps
<input type="checkbox"/>	PoP-SP	rsync	12.23 Mbps	2.81 Mbps	15.05 Mbps
<input type="checkbox"/>	PoP-SP	smtp	4.26 Mbps	9.16 Mbps	13.41 Mbps
<input type="checkbox"/>	PoP-SP	dns	6.77 Mbps	4.28 Mbps	11.05 Mbps
<input type="checkbox"/>	PoP-SP	stun	3.49 Mbps	3.06 Mbps	6.55 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	tcp	2.95 Gbps	2.17 Gbps	5.12 Gbps
<input checked="" type="checkbox"/>	PoP-SP	udp	211.27 Mbps	327.75 Mbps	539.02 Mbps
<input checked="" type="checkbox"/>	PoP-SP	esp	53.68 Mbps	16.58 Mbps	70.26 Mbps
<input checked="" type="checkbox"/>	PoP-SP	gre	6.08 Mbps	44.41 Mbps	50.50 Mbps
<input checked="" type="checkbox"/>	PoP-SP	icmp	5.17 Mbps	6.99 Mbps	12.16 Mbps
<input type="checkbox"/>	PoP-SP	ipv6	188.81 Kbps	58.17 Kbps	246.98 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	52.34 Kbps	146.64 Kbps	198.98 Kbps
<input type="checkbox"/>	PoP-SP	ipencap	51.00 bps	0.00 bps	51.00 bps
<input type="checkbox"/>	PoP-SP	255	4.00 bps	0.00 bps	4.00 bps
<input type="checkbox"/>	PoP-SP	ipv6-nonxt	0.00 bps	0.00 bps	0.00 bps

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