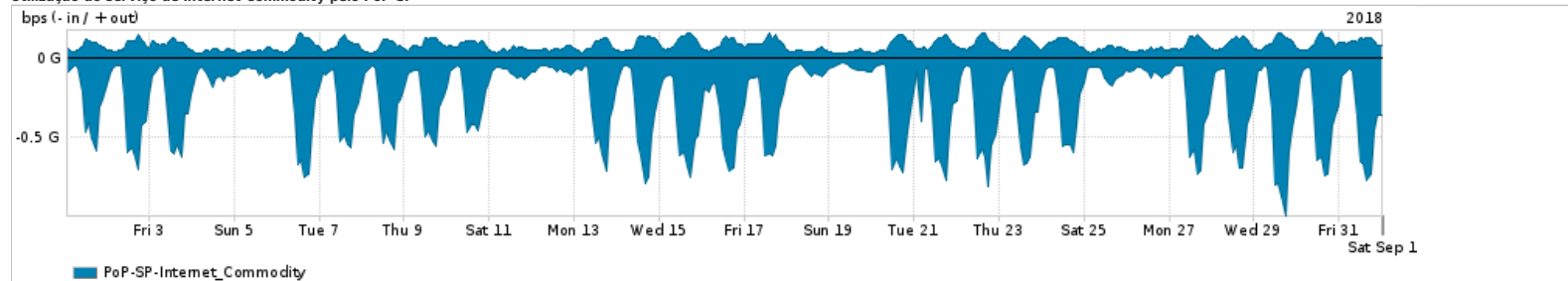


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

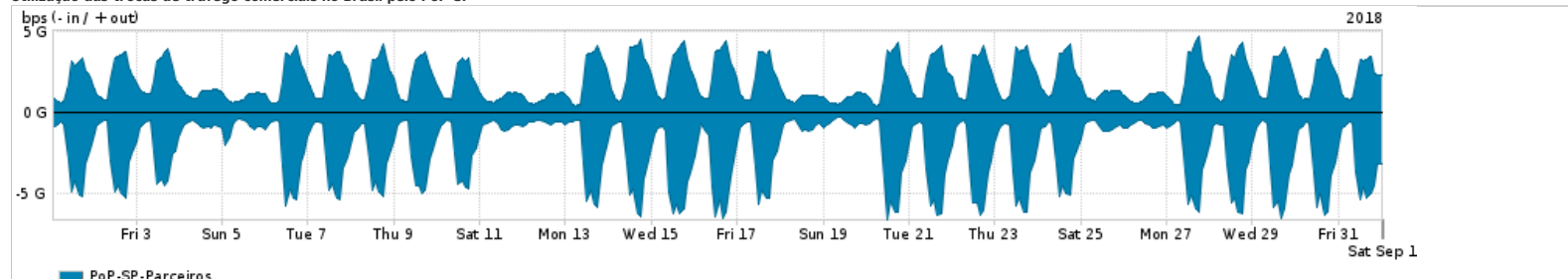
Legenda:
 PoP - Ponto de presença da RNP
 Parceiros - Provedores comerciais que a RNP mantém acordos de troca de tráfego
 Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara
 Internet commodity - Acesso pago à Internet global que é oferecido pela RNP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



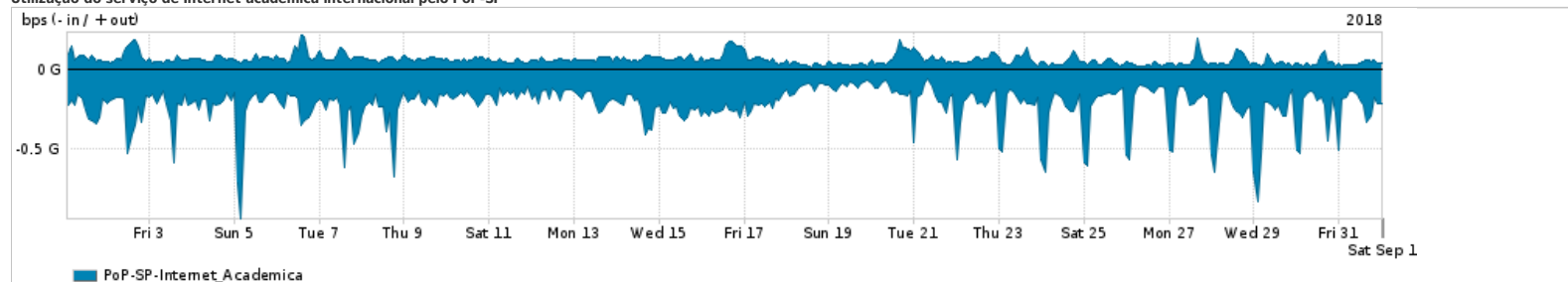
	PROFILE	PROFILE	IN	OUT	TOTAL
X	PoP-SP	Internet_Commodity	279.04 Mbps	75.34 Mbps	354.38 Mbps

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



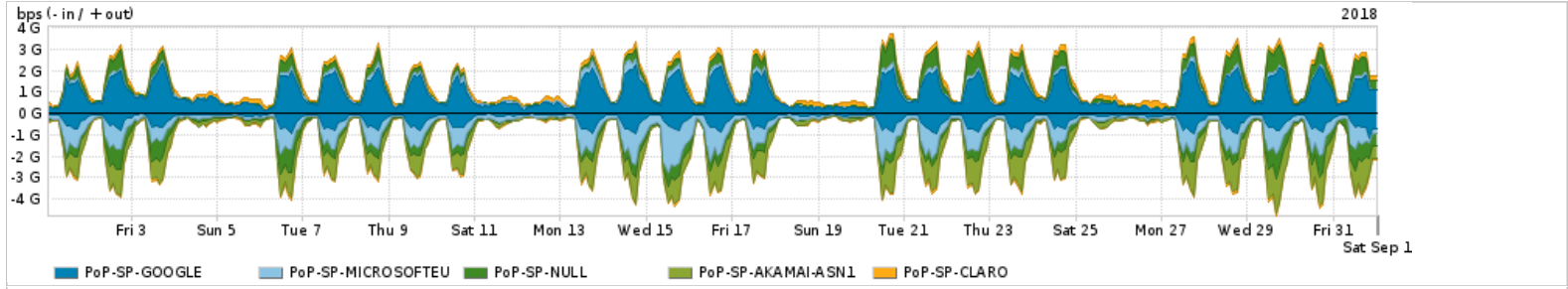
	PROFILE	PROFILE	IN	OUT	TOTAL
X	PoP-SP	Parceiros	2.41 Gbps	1.95 Gbps	4.36 Gbps

Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



	PROFILE	PROFILE	IN	OUT	TOTAL
X	PoP-SP	Internet_Academica	221.64 Mbps	64.37 Mbps	286.01 Mbps

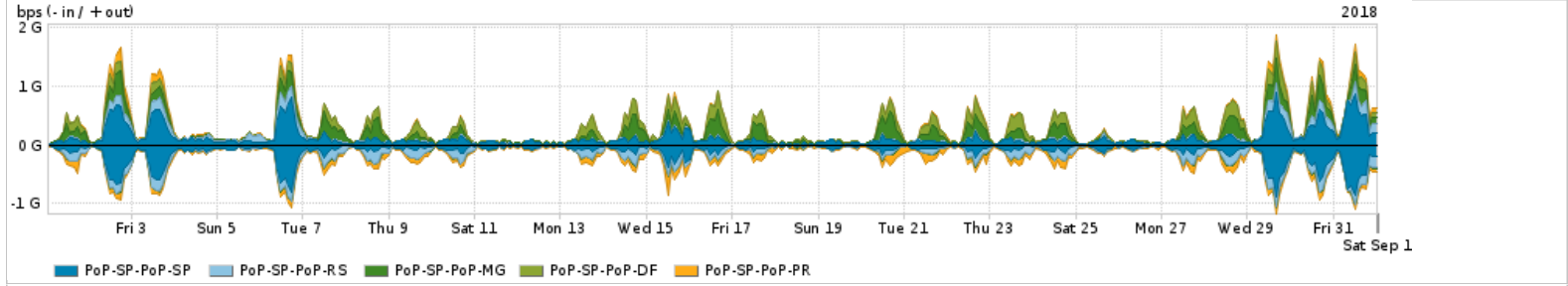
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

	PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	GOOGLE	15169	299.38 Mbps	905.25 Mbps	1.20 Gbps
<input checked="" type="checkbox"/>	PoP-SP	MICROSOFTEU	8068	453.94 Mbps	81.23 Mbps	535.17 Mbps
<input checked="" type="checkbox"/>	PoP-SP	NULL	0	228.92 Mbps	226.56 Mbps	455.48 Mbps
<input checked="" type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	442.94 Mbps	5.85 Mbps	448.79 Mbps
<input checked="" type="checkbox"/>	PoP-SP	CLARO	28573	48.77 Mbps	164.60 Mbps	213.37 Mbps
<input type="checkbox"/>	PoP-SP	MICROSOFT-CORP-MSN-AS-BLOCK	8075	46.79 Mbps	62.88 Mbps	109.67 Mbps
<input type="checkbox"/>	PoP-SP	EDGECAST	15133	104.12 Mbps	3.92 Mbps	108.04 Mbps
<input type="checkbox"/>	PoP-SP	APPLE	714	49.50 Mbps	57.92 Mbps	107.42 Mbps
<input type="checkbox"/>	PoP-SP	LEVEL3-AS3549	3549	85.80 Mbps	5.01 Mbps	90.80 Mbps
<input type="checkbox"/>	PoP-SP	AMAZON-02	16509	62.60 Mbps	24.02 Mbps	86.62 Mbps

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

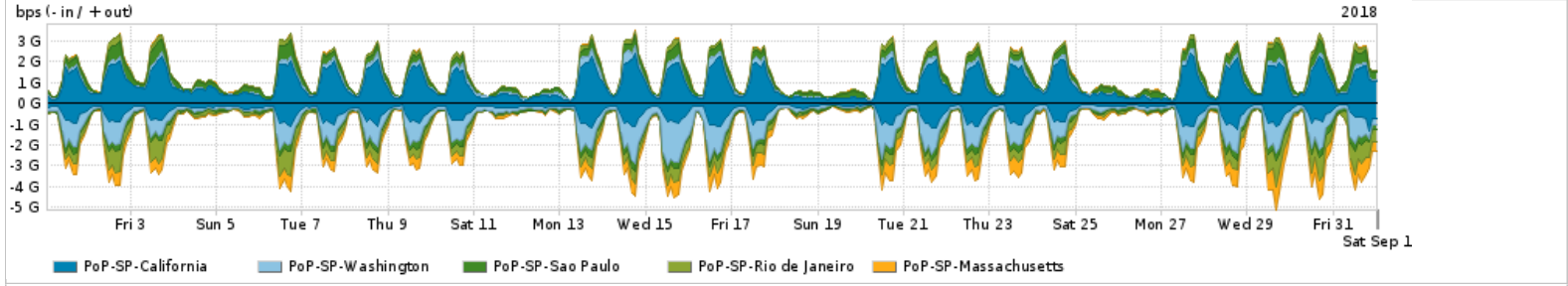


Average | Max | PCT95

	PROFILE	PROFILE	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	PoP-SP	115.75 Mbps	115.75 Mbps	231.51 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-RS	60.98 Mbps	27.37 Mbps	88.35 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-MG	1.71 Mbps	86.46 Mbps	88.17 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-DF	1.93 Mbps	78.25 Mbps	80.19 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-PR	49.15 Mbps	16.19 Mbps	65.34 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RJ	2.00 Mbps	53.78 Mbps	55.78 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PA	531.57 Kbps	31.20 Mbps	31.73 Mbps
<input type="checkbox"/>	PoP-SP	PoP-GO	332.49 Kbps	20.55 Mbps	20.88 Mbps
<input type="checkbox"/>	PoP-SP	PoP-AM	327.41 Kbps	13.69 Mbps	14.02 Mbps

	PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	PoP-RN	173.79 Kbps	10.32 Mbps	10.50 Mbps

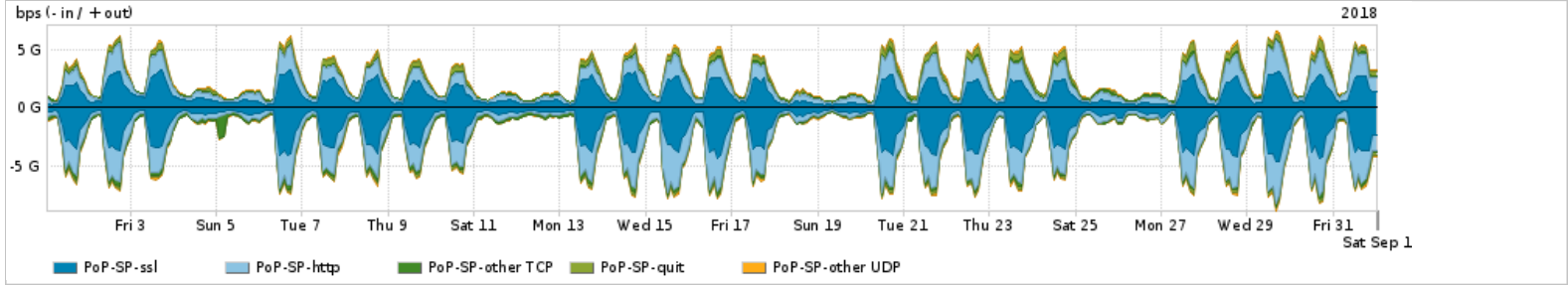
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

	PROFILE	REGION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	California	419.43 Mbps	895.17 Mbps	1.31 Gbps
<input checked="" type="checkbox"/>	PoP-SP	Washington	493.89 Mbps	105.81 Mbps	599.69 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Sao Paulo	163.14 Mbps	263.45 Mbps	426.59 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Rio de Janeiro	264.00 Mbps	87.41 Mbps	351.41 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Massachusetts	248.55 Mbps	14.44 Mbps	262.99 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	96.07 Mbps	79.66 Mbps	175.72 Mbps
<input type="checkbox"/>	PoP-SP	Minas Gerais	14.52 Mbps	149.30 Mbps	163.83 Mbps
<input type="checkbox"/>	PoP-SP	Distrito Federal	7.63 Mbps	81.79 Mbps	89.42 Mbps
<input type="checkbox"/>	PoP-SP	Rio Grande do Sul	12.16 Mbps	53.85 Mbps	66.01 Mbps
<input type="checkbox"/>	PoP-SP	Parana	11.25 Mbps	43.38 Mbps	54.64 Mbps
<input type="checkbox"/>	PoP-SP	Alabama	38.15 Mbps	493.35 Kbps	38.64 Mbps
<input type="checkbox"/>	PoP-SP	Delaware	36.54 Mbps	1.12 Mbps	37.65 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	32.95 Mbps	773.81 Kbps	33.72 Mbps
<input type="checkbox"/>	PoP-SP	Goias	1.97 Mbps	27.79 Mbps	29.76 Mbps
<input type="checkbox"/>	PoP-SP	Santa Catarina	2.61 Mbps	22.33 Mbps	24.95 Mbps

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

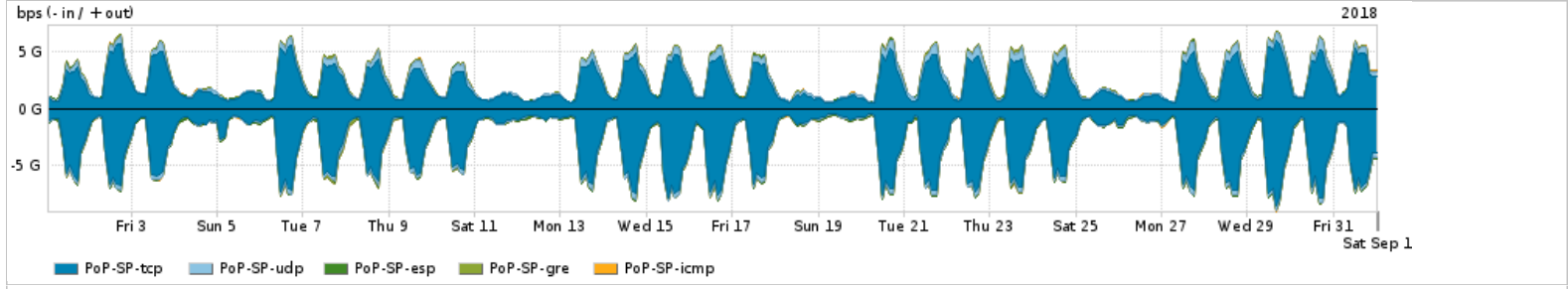


Average | Max | PCT95

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	ssl	1.53 Gbps	1.20 Gbps	2.73 Gbps
<input checked="" type="checkbox"/>	PoP-SP	http	1.14 Gbps	802.34 Mbps	1.94 Gbps

	PROFILE	APPLICATION	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	other TCP	208.16 Mbps	151.89 Mbps	360.04 Mbps
<input checked="" type="checkbox"/>	PoP-SP	quit	94.26 Mbps	226.29 Mbps	320.54 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other UDP	72.90 Mbps	103.13 Mbps	176.03 Mbps
<input type="checkbox"/>	PoP-SP	ssh	26.53 Mbps	19.44 Mbps	45.97 Mbps
<input type="checkbox"/>	PoP-SP	rsync	39.46 Mbps	1.77 Mbps	41.23 Mbps
<input type="checkbox"/>	PoP-SP	smtp	3.88 Mbps	8.44 Mbps	12.32 Mbps
<input type="checkbox"/>	PoP-SP	dns	4.21 Mbps	2.93 Mbps	7.14 Mbps
<input type="checkbox"/>	PoP-SP	stun	3.37 Mbps	3.06 Mbps	6.43 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL
<input checked="" type="checkbox"/>	PoP-SP	tcp	2.96 Gbps	2.19 Gbps	5.15 Gbps
<input checked="" type="checkbox"/>	PoP-SP	udp	177.10 Mbps	337.11 Mbps	514.21 Mbps
<input checked="" type="checkbox"/>	PoP-SP	esp	69.73 Mbps	21.93 Mbps	91.66 Mbps
<input checked="" type="checkbox"/>	PoP-SP	gre	20.49 Mbps	68.44 Mbps	88.94 Mbps
<input checked="" type="checkbox"/>	PoP-SP	icmp	5.23 Mbps	7.12 Mbps	12.35 Mbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	61.35 Kbps	239.32 Kbps	300.67 Kbps
<input type="checkbox"/>	PoP-SP	ipv6	109.23 Kbps	16.54 Kbps	125.77 Kbps
<input type="checkbox"/>	PoP-SP	sctp	21.00 bps	0.00 bps	21.00 bps
<input type="checkbox"/>	PoP-SP	255	8.00 bps	0.00 bps	8.00 bps
<input type="checkbox"/>	PoP-SP	240	0.00 bps	0.00 bps	0.00 bps

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