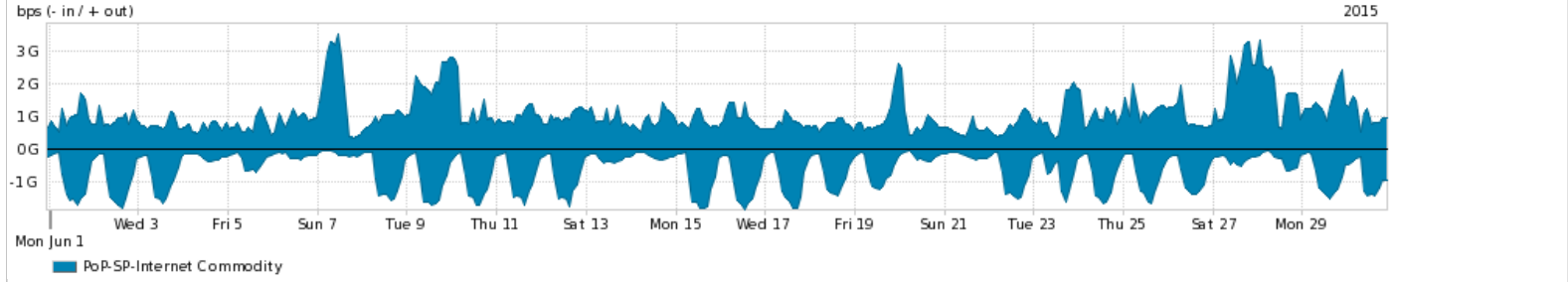


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

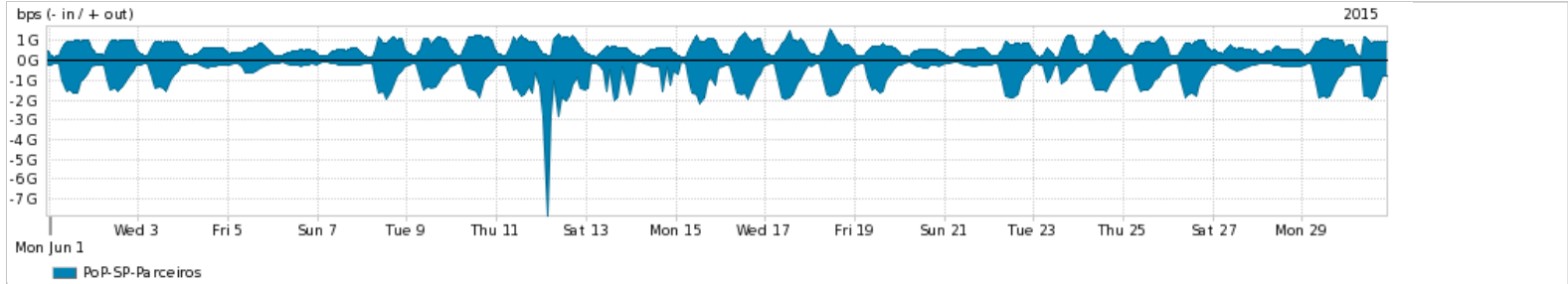
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	Internet Commodity	692.95 Mbps	1.07 Gbps	1.77 Gbps

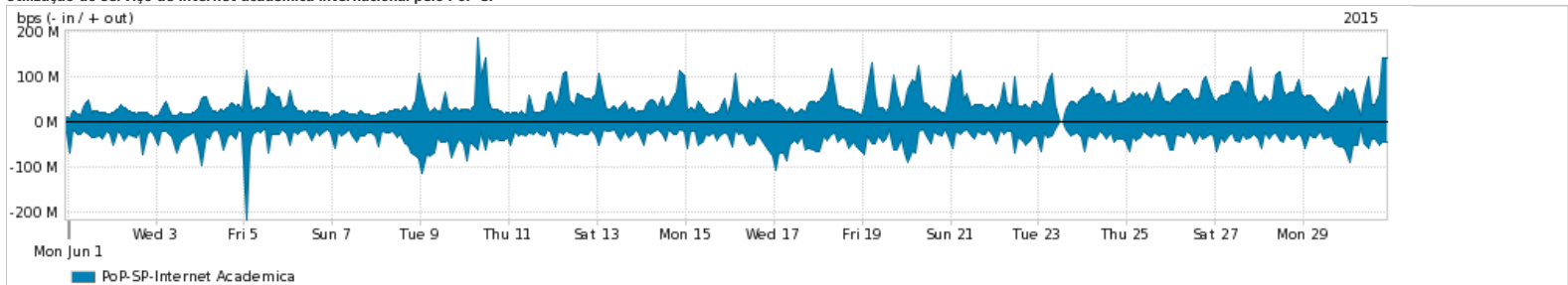
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	Parceiros	764.53 Mbps	664.34 Mbps	1.43 Gbps

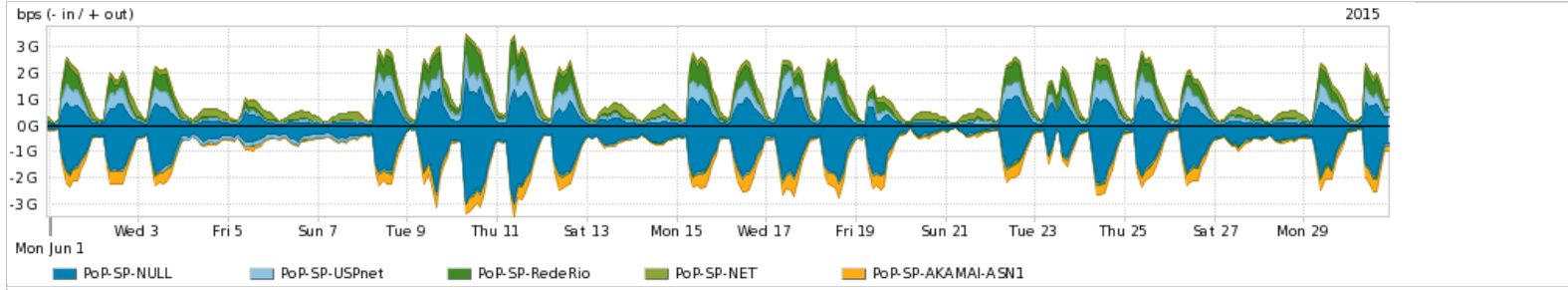
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	Internet Acadêmica	37.00 Mbps	44.52 Mbps	81.52 Mbps

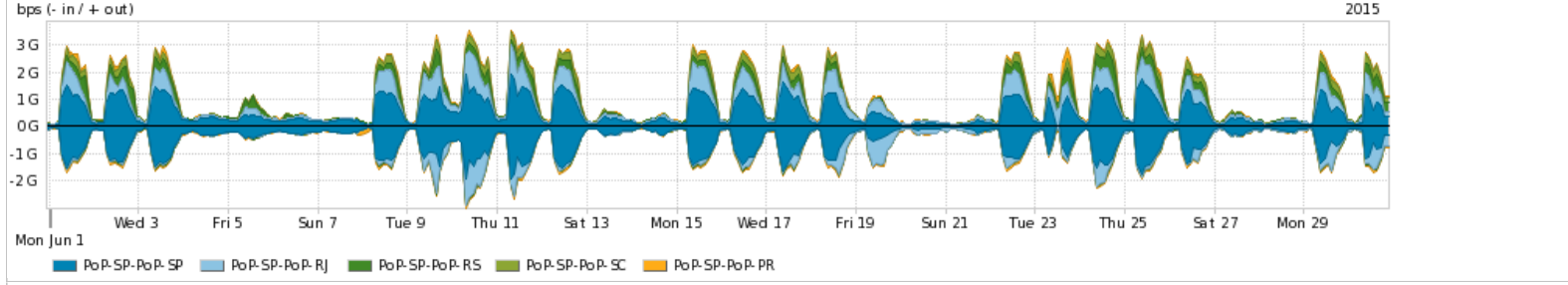
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	NULL	0	844.66 Mbps	369.32 Mbps	1.21 Gbps
<input checked="" type="checkbox"/>	PoP-SP	USPnet	28571	35.08 Mbps	246.85 Mbps	281.93 Mbps
<input checked="" type="checkbox"/>	PoP-SP	RedeRio	2715	19.80 Mbps	241.06 Mbps	260.86 Mbps
<input checked="" type="checkbox"/>	PoP-SP	NET	28573	29.82 Mbps	197.78 Mbps	227.60 Mbps
<input checked="" type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	170.44 Mbps	7.27 Mbps	177.71 Mbps
<input type="checkbox"/>	PoP-SP	GOOGLE	15169	79.11 Mbps	34.91 Mbps	114.02 Mbps
<input type="checkbox"/>	PoP-SP	NTT-COMMUNICATIONS-2914	2914	101.91 Mbps	2.36 Mbps	104.27 Mbps
<input type="checkbox"/>	PoP-SP	COMCAST-7922	7922	9.44 Mbps	91.76 Mbps	101.19 Mbps
<input type="checkbox"/>	PoP-SP	ANSP	1251	2.05 Mbps	83.87 Mbps	85.93 Mbps
<input type="checkbox"/>	PoP-SP	UNIVERSIDADE	53166	2.53 Mbps	78.23 Mbps	80.77 Mbps

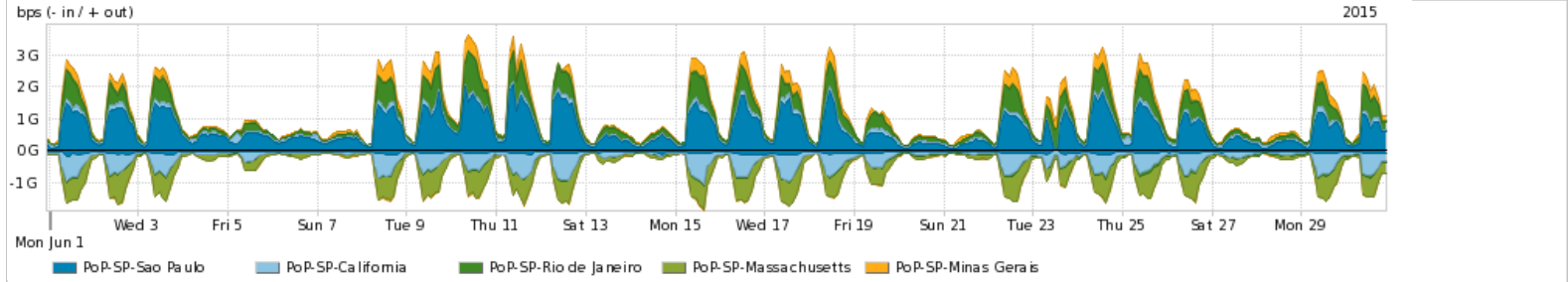
Interesse de tráfego do PoP-SP com os outros PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	PoP-SP	536.01 Mbps	536.01 Mbps	1.07 Gbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-RJ	124.60 Mbps	279.17 Mbps	403.77 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-RS	7.69 Mbps	146.96 Mbps	154.64 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-SC	5.62 Mbps	115.48 Mbps	121.10 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-PR	34.90 Mbps	38.32 Mbps	73.21 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MG	1.81 Mbps	29.33 Mbps	31.15 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MT	17.02 Mbps	3.15 Mbps	20.17 Mbps
<input type="checkbox"/>	PoP-SP	PoP-DF	6.35 Mbps	9.08 Mbps	15.43 Mbps
<input type="checkbox"/>	PoP-SP	PoP-ES	420.11 Kbps	7.17 Mbps	7.59 Mbps
<input type="checkbox"/>	PoP-SP	PoP-BA	729.25 Kbps	5.93 Mbps	6.66 Mbps

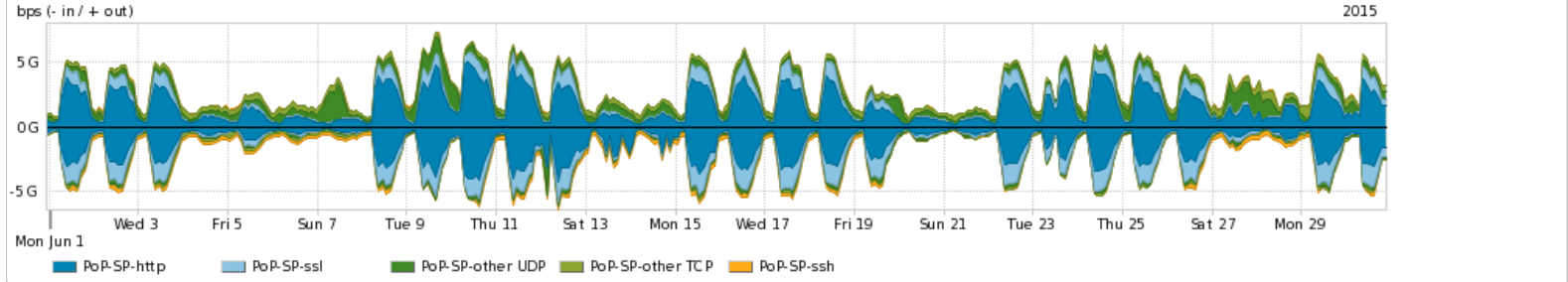
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	Sao Paulo	58.07 Mbps	633.37 Mbps	691.44 Mbps
<input checked="" type="checkbox"/>	PoP-SP	California	246.79 Mbps	82.73 Mbps	329.52 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Rio de Janeiro	25.99 Mbps	292.02 Mbps	318.02 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Massachusetts	284.04 Mbps	22.04 Mbps	306.08 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Minas Gerais	6.78 Mbps	143.98 Mbps	150.76 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	115.01 Mbps	2.71 Mbps	117.72 Mbps
<input type="checkbox"/>	PoP-SP	Rio Grande do Sul	7.10 Mbps	90.42 Mbps	97.52 Mbps
<input type="checkbox"/>	PoP-SP	Santa Catarina	5.10 Mbps	72.16 Mbps	77.25 Mbps
<input type="checkbox"/>	PoP-SP	Washington	57.81 Mbps	13.51 Mbps	71.32 Mbps
<input type="checkbox"/>	PoP-SP	Texas	43.99 Mbps	16.54 Mbps	60.53 Mbps
<input type="checkbox"/>	PoP-SP	New York	31.00 Mbps	24.72 Mbps	55.72 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	37.01 Mbps	17.35 Mbps	54.35 Mbps
<input type="checkbox"/>	PoP-SP	Mato Grosso	39.58 Mbps	14.56 Mbps	54.14 Mbps
<input type="checkbox"/>	PoP-SP	New Jersey	14.30 Mbps	31.20 Mbps	45.50 Mbps
<input type="checkbox"/>	PoP-SP	Georgia	2.96 Mbps	39.64 Mbps	42.60 Mbps

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

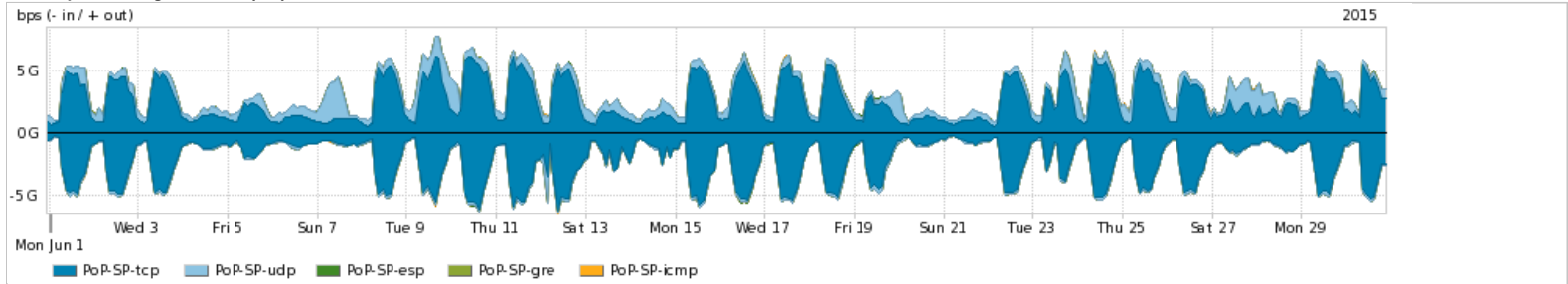


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	http	1.34 Gbps	1.60 Gbps	2.93 Gbps
<input checked="" type="checkbox"/>	PoP-SP	ssl	577.73 Mbps	418.02 Mbps	995.75 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other UDP	130.85 Mbps	552.46 Mbps	683.31 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other TCP	140.04 Mbps	348.51 Mbps	488.55 Mbps
<input checked="" type="checkbox"/>	PoP-SP	ssh	182.64 Mbps	18.47 Mbps	201.11 Mbps

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	dns	5.12 Mbps	96.17 Mbps	101.29 Mbps
<input type="checkbox"/>	PoP-SP	rip	2.38 Kbps	94.47 Mbps	94.47 Mbps
<input type="checkbox"/>	PoP-SP	macromedia-fcs	12.55 Mbps	21.67 Mbps	34.22 Mbps
<input type="checkbox"/>	PoP-SP	rdp	3.37 Mbps	30.79 Mbps	34.16 Mbps
<input type="checkbox"/>	PoP-SP	rsync	22.33 Mbps	9.04 Mbps	31.37 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	tcp	2.29 Gbps	2.48 Gbps	4.77 Gbps
<input checked="" type="checkbox"/>	PoP-SP	udp	137.23 Mbps	733.25 Mbps	870.47 Mbps
<input checked="" type="checkbox"/>	PoP-SP	esp	4.43 Mbps	4.16 Mbps	8.59 Mbps
<input checked="" type="checkbox"/>	PoP-SP	gre	889.80 Kbps	6.40 Mbps	7.29 Mbps
<input checked="" type="checkbox"/>	PoP-SP	icmp	2.59 Mbps	3.57 Mbps	6.17 Mbps
<input type="checkbox"/>	PoP-SP	ipv6	260.42 Kbps	1.04 Mbps	1.30 Mbps
<input type="checkbox"/>	PoP-SP	pim	268.59 Kbps	903.00 bps	269.50 Kbps
<input type="checkbox"/>	PoP-SP	254	66.18 Kbps	4.54 Kbps	70.72 Kbps
<input type="checkbox"/>	PoP-SP	142	64.86 Kbps	0.00 bps	64.86 Kbps
<input type="checkbox"/>	PoP-SP	154	64.76 Kbps	0.00 bps	64.76 Kbps

For assistance with this product, please contact support@arbornetworks.com.