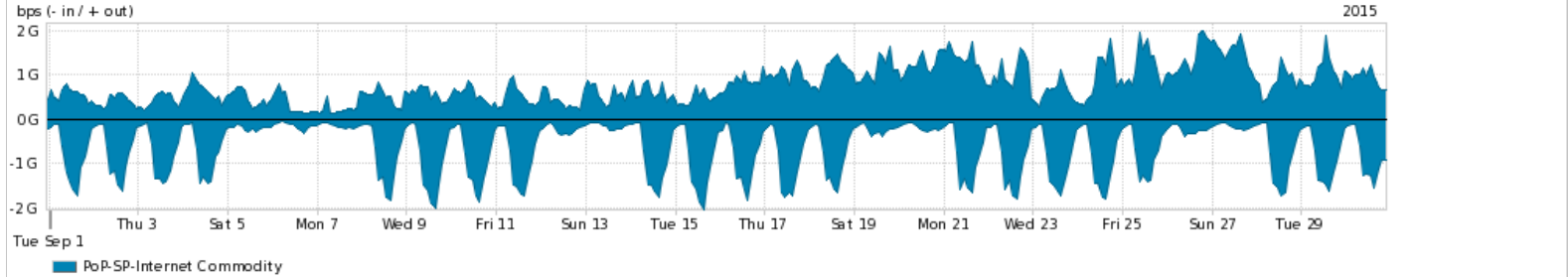


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

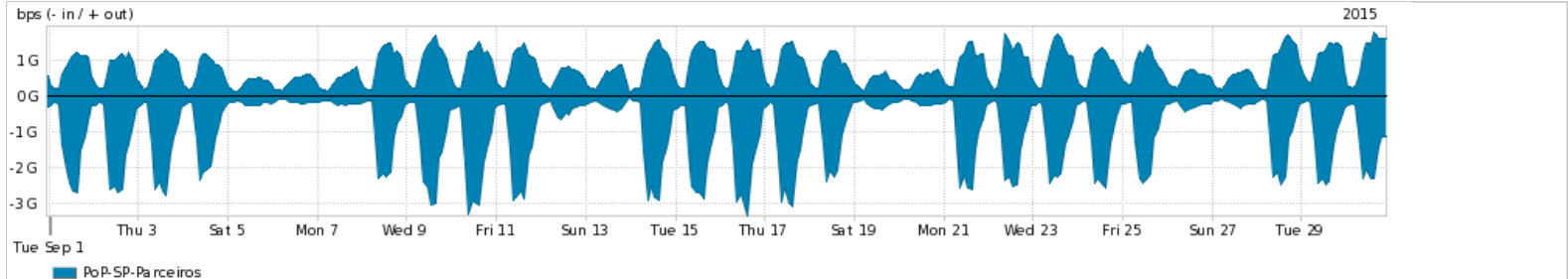
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	Internet Commodity	644.32 Mbps	780.66 Mbps	1.42 Gbps

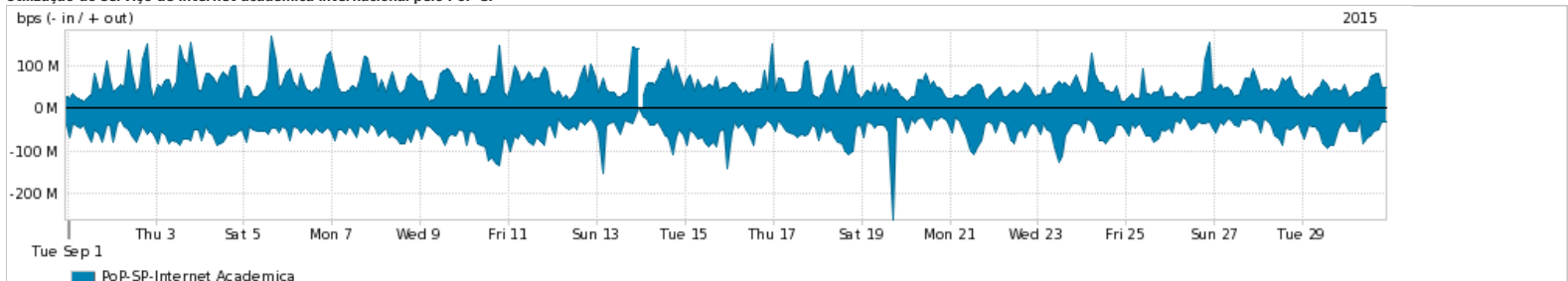
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	Parceiros	996.66 Mbps	757.98 Mbps	1.75 Gbps

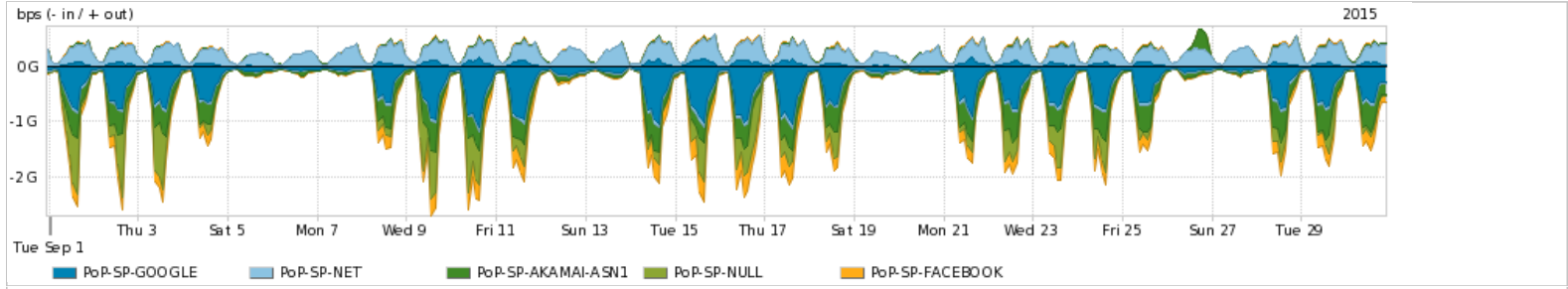
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	Internet Acadêmica	55.94 Mbps	54.17 Mbps	110.11 Mbps

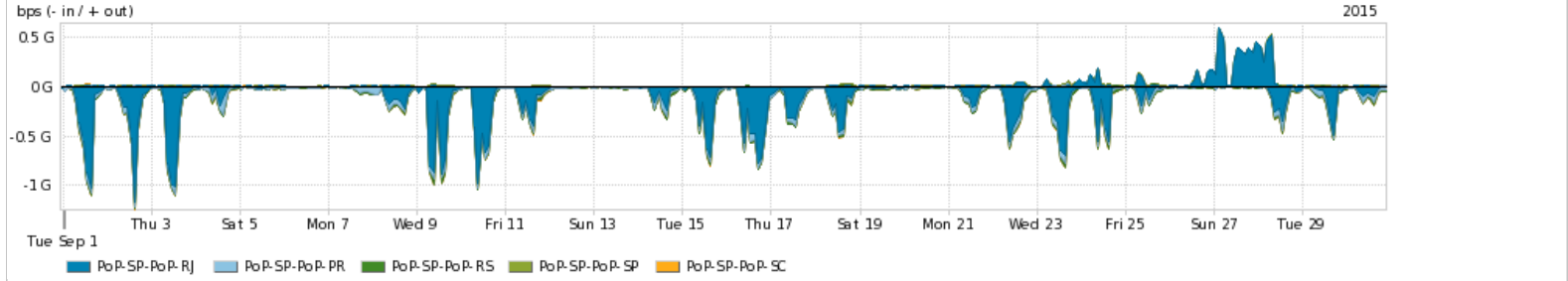
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	GOOGLE	15169	268.12 Mbps	41.24 Mbps	309.36 Mbps
<input checked="" type="checkbox"/>	PoP-SP	NET	28573	30.03 Mbps	228.41 Mbps	258.44 Mbps
<input checked="" type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	157.44 Mbps	10.26 Mbps	167.70 Mbps
<input checked="" type="checkbox"/>	PoP-SP	NULL	0	112.74 Mbps	365.93 Kbps	113.11 Mbps
<input checked="" type="checkbox"/>	PoP-SP	FACEBOOK	32934	96.57 Mbps	8.28 Mbps	104.86 Mbps
<input type="checkbox"/>	PoP-SP	133774	133774	1.89 Kbps	98.07 Mbps	98.07 Mbps
<input type="checkbox"/>	PoP-SP	CHINANET-BACKBONE	4134	668.53 Kbps	74.30 Mbps	74.97 Mbps
<input type="checkbox"/>	PoP-SP	NTT-COMMUNICATIONS-2914	2914	71.83 Mbps	2.67 Mbps	74.51 Mbps
<input type="checkbox"/>	PoP-SP	CPDDDED-S-PP	28637	2.65 Mbps	67.52 Mbps	70.17 Mbps
<input type="checkbox"/>	PoP-SP	TELESP	27699	8.49 Mbps	58.12 Mbps	66.60 Mbps

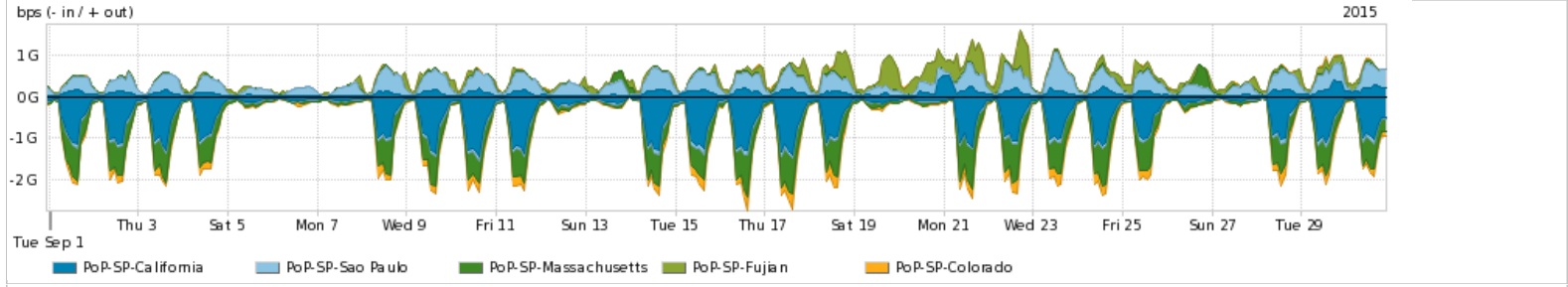
Interesse de tráfego do PoP-SP com os outros PoPs da RNP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	PoP-RJ	109.89 Mbps	23.74 Mbps	133.63 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-PR	25.47 Mbps	342.42 Kbps	25.81 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-RS	8.24 Mbps	562.50 Kbps	8.80 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-SP	3.33 Mbps	3.33 Mbps	6.66 Mbps
<input checked="" type="checkbox"/>	PoP-SP	PoP-SC	794.65 Kbps	292.93 Kbps	1.09 Mbps
<input type="checkbox"/>	PoP-SP	PoP-DF	252.00 bps	1.01 Mbps	1.01 Mbps
<input type="checkbox"/>	PoP-SP	PoP-BA	598.69 Kbps	140.20 Kbps	738.90 Kbps
<input type="checkbox"/>	PoP-SP	PoP-MG	469.00 bps	690.80 Kbps	691.27 Kbps
<input type="checkbox"/>	PoP-SP	PoP-RN	182.12 Kbps	158.73 Kbps	340.85 Kbps
<input type="checkbox"/>	PoP-SP	PoP-PE	3.00 bps	114.23 Kbps	114.23 Kbps

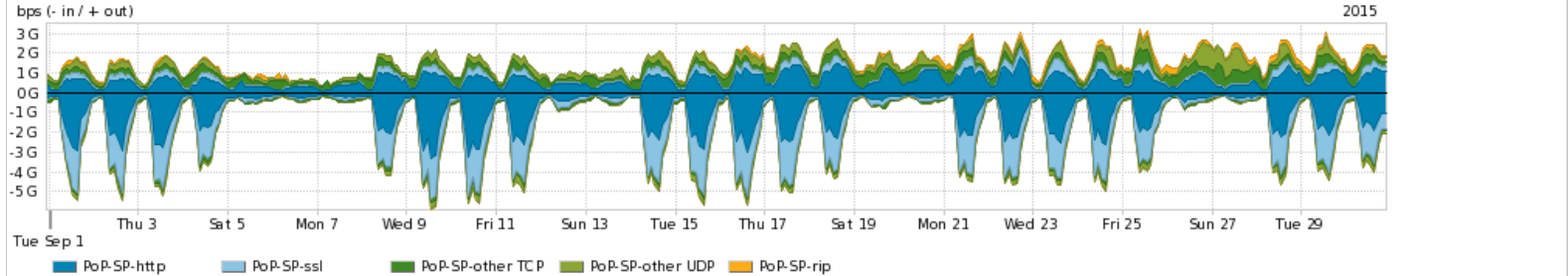
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	California	403.55 Mbps	83.74 Mbps	487.30 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Sao Paulo	40.23 Mbps	254.90 Mbps	295.12 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Massachusetts	264.71 Mbps	24.86 Mbps	289.57 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Fujian	16.18 Kbps	111.79 Mbps	111.81 Mbps
<input checked="" type="checkbox"/>	PoP-SP	Colorado	82.60 Mbps	2.72 Mbps	85.32 Mbps
<input type="checkbox"/>	PoP-SP	Guangdong	187.25 Kbps	71.64 Mbps	71.82 Mbps
<input type="checkbox"/>	PoP-SP	Washington	47.44 Mbps	11.88 Mbps	59.32 Mbps
<input type="checkbox"/>	PoP-SP	Florida	48.42 Mbps	5.64 Mbps	54.06 Mbps
<input type="checkbox"/>	PoP-SP	Rio de Janeiro	6.46 Mbps	44.10 Mbps	50.56 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	37.20 Mbps	12.68 Mbps	49.88 Mbps
<input type="checkbox"/>	PoP-SP	New York	39.36 Mbps	5.98 Mbps	45.34 Mbps
<input type="checkbox"/>	PoP-SP	Lombardia	36.44 Kbps	30.89 Mbps	30.93 Mbps
<input type="checkbox"/>	PoP-SP	Hunan	75.28 Kbps	28.65 Mbps	28.72 Mbps
<input type="checkbox"/>	PoP-SP	Texas	18.78 Mbps	9.56 Mbps	28.34 Mbps
<input type="checkbox"/>	PoP-SP	Beijing	200.33 Kbps	25.52 Mbps	25.72 Mbps

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

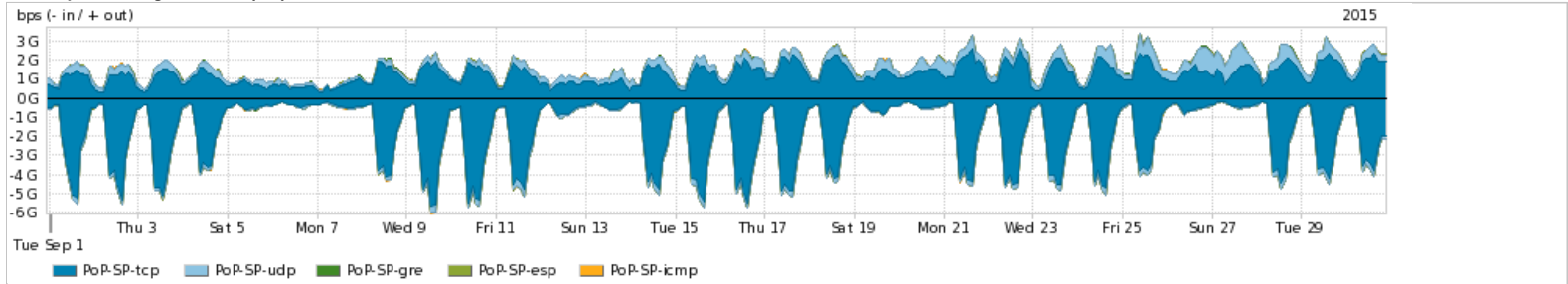


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	http	888.73 Mbps	610.36 Mbps	1.50 Gbps
<input checked="" type="checkbox"/>	PoP-SP	ssl	681.00 Mbps	152.96 Mbps	833.96 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other TCP	105.09 Mbps	342.59 Mbps	447.69 Mbps
<input checked="" type="checkbox"/>	PoP-SP	other UDP	108.00 Mbps	272.84 Mbps	380.84 Mbps
<input checked="" type="checkbox"/>	PoP-SP	rip	8.74 Kbps	86.37 Mbps	86.38 Mbps

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	macromedia-fcs	15.42 Mbps	47.51 Mbps	62.93 Mbps
<input type="checkbox"/>	PoP-SP	dns	4.66 Mbps	40.05 Mbps	44.71 Mbps
<input type="checkbox"/>	PoP-SP	ssh	6.11 Mbps	16.95 Mbps	23.07 Mbps
<input type="checkbox"/>	PoP-SP	rsync	13.72 Mbps	4.57 Mbps	18.29 Mbps
<input type="checkbox"/>	PoP-SP	rdp	247.83 Kbps	17.21 Mbps	17.46 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input checked="" type="checkbox"/>	PoP-SP	tcp	1.73 Gbps	1.23 Gbps	2.95 Gbps
<input checked="" type="checkbox"/>	PoP-SP	udp	113.58 Mbps	380.62 Mbps	494.19 Mbps
<input checked="" type="checkbox"/>	PoP-SP	gre	1.41 Mbps	8.11 Mbps	9.51 Mbps
<input checked="" type="checkbox"/>	PoP-SP	esp	1.85 Mbps	5.50 Mbps	7.35 Mbps
<input checked="" type="checkbox"/>	PoP-SP	icmp	2.20 Mbps	2.50 Mbps	4.70 Mbps
<input type="checkbox"/>	PoP-SP	ipv6	414.45 Kbps	532.58 Kbps	947.02 Kbps
<input type="checkbox"/>	PoP-SP	ah	207.51 Kbps	98.00 Kbps	305.51 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	58.31 Kbps	4.86 Kbps	63.16 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-frag	313.00 bps	20.00 bps	333.00 bps
<input type="checkbox"/>	PoP-SP	rsvp	19.00 bps	0.00 bps	19.00 bps

For assistance with this product, please contact [support@arbornetworks.com](mailto:support@arbornetworks.com).