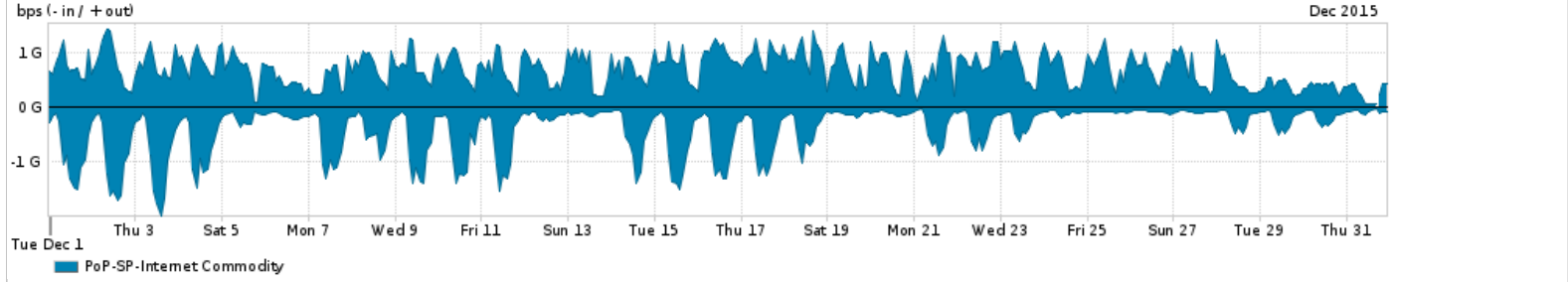


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

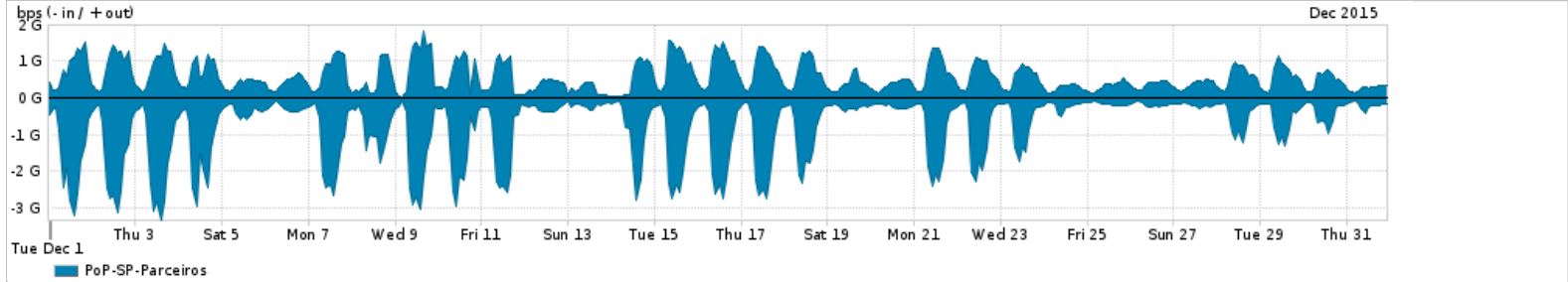
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Commodity	401.09 Mbps	700.06 Mbps	1.10 Gbps

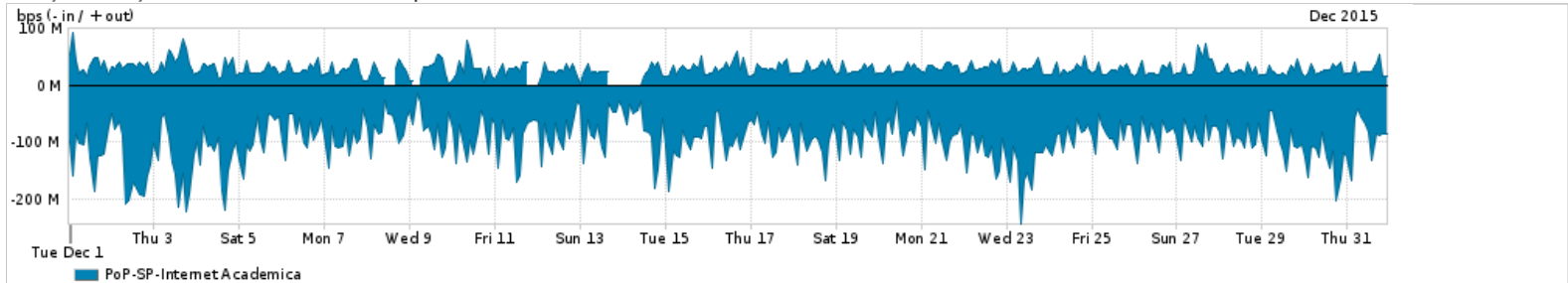
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Parceiros	804.62 Mbps	559.26 Mbps	1.36 Gbps

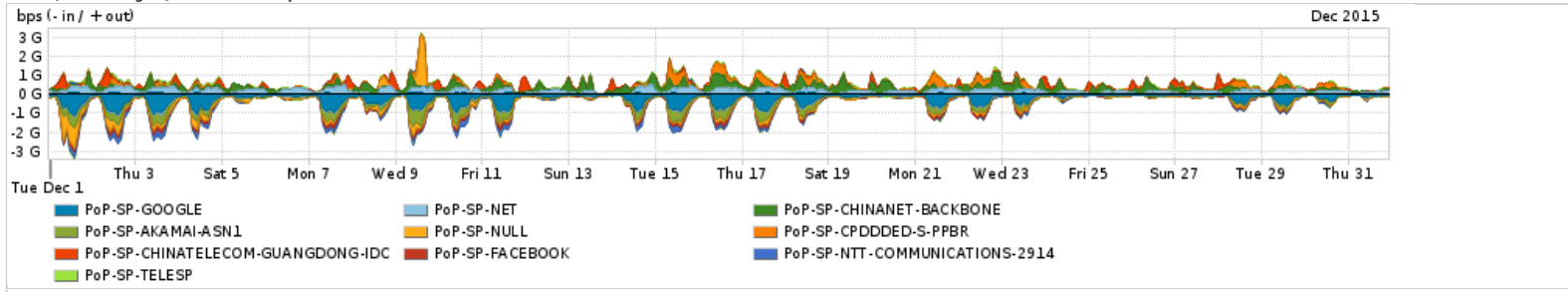
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Academica	96.89 Mbps	27.20 Mbps	124.09 Mbps

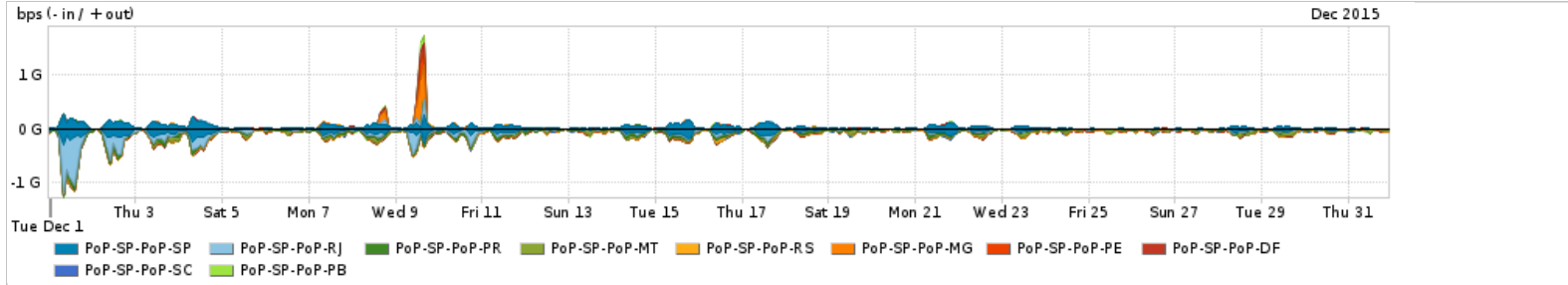
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	GOOGLE	15169	252.43 Mbps	275.54 Mbps
<input type="checkbox"/>	PoP-SP	NET	28573	28.48 Mbps	195.08 Mbps
<input type="checkbox"/>	PoP-SP	CHINANET-BACKBONE	4134	627.79 Kbps	186.93 Mbps
<input type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	120.92 Mbps	123.10 Mbps
<input type="checkbox"/>	PoP-SP	NULL	0	91.54 Mbps	112.11 Mbps
<input type="checkbox"/>	PoP-SP	CPDDED-S-PPBR	28637	3.34 Mbps	85.75 Mbps
<input type="checkbox"/>	PoP-SP	CHINATELECOM-GUANGDONG-IDC	58543	34.14 Kbps	68.36 Mbps
<input type="checkbox"/>	PoP-SP	FACEBOOK	32934	55.41 Mbps	60.18 Mbps
<input type="checkbox"/>	PoP-SP	NTT-COMMUNICATIONS-2914	2914	53.56 Mbps	54.32 Mbps
<input type="checkbox"/>	PoP-SP	TELESP	27699	7.75 Mbps	51.76 Mbps

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

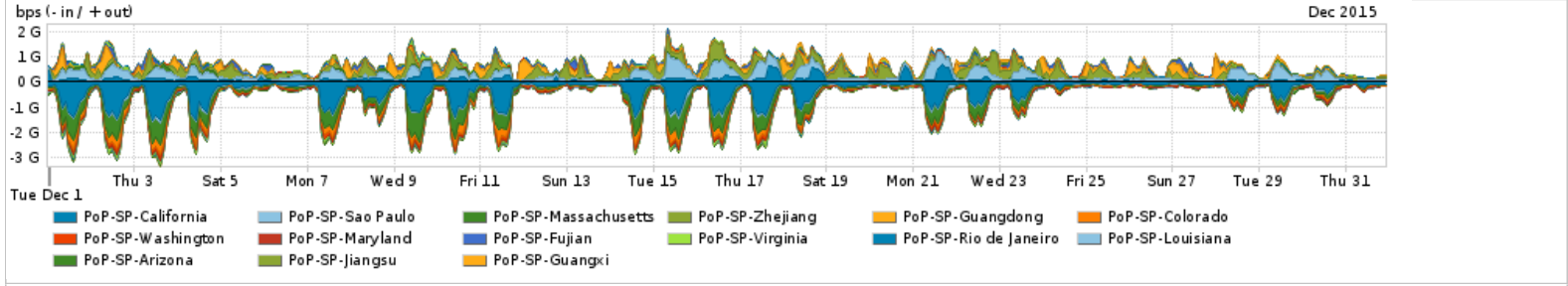


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	PoP-SP	36.04 Mbps	72.08 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RJ	31.92 Mbps	33.57 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PR	18.88 Mbps	19.10 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MT	15.91 Mbps	15.92 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RS	7.82 Mbps	8.31 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MG	2.35 Mbps	8.15 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PE	4.84 Mbps	6.69 Mbps
<input type="checkbox"/>	PoP-SP	PoP-DF	1.72 Mbps	3.50 Mbps
<input type="checkbox"/>	PoP-SP	PoP-SC	2.69 Mbps	2.86 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-PB	1.35 Mbps	1.15 Mbps	2.50 Mbps

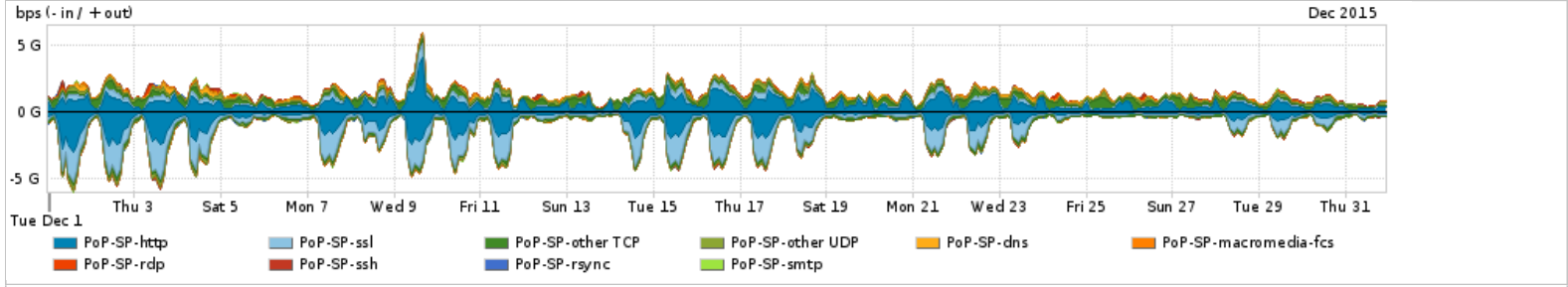
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	California	357.08 Mbps	89.27 Mbps	446.35 Mbps
<input type="checkbox"/>	PoP-SP	Sao Paulo	30.02 Mbps	191.26 Mbps	221.29 Mbps
<input type="checkbox"/>	PoP-SP	Massachusetts	193.32 Mbps	15.64 Mbps	208.97 Mbps
<input type="checkbox"/>	PoP-SP	Zhejiang	360.49 Kbps	181.93 Mbps	182.29 Mbps
<input type="checkbox"/>	PoP-SP	Guangdong	199.15 Kbps	99.89 Mbps	100.09 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	79.72 Mbps	938.40 Kbps	80.66 Mbps
<input type="checkbox"/>	PoP-SP	Washington	38.96 Mbps	7.46 Mbps	46.43 Mbps
<input type="checkbox"/>	PoP-SP	Maryland	38.27 Mbps	458.45 Kbps	38.73 Mbps
<input type="checkbox"/>	PoP-SP	Fujian	31.03 Kbps	36.92 Mbps	36.95 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	23.50 Mbps	13.35 Mbps	36.85 Mbps
<input type="checkbox"/>	PoP-SP	Rio de Janeiro	6.81 Mbps	22.59 Mbps	29.39 Mbps
<input type="checkbox"/>	PoP-SP	Louisiana	20.09 Mbps	6.45 Mbps	26.54 Mbps
<input type="checkbox"/>	PoP-SP	Arizona	23.55 Mbps	1.71 Mbps	25.26 Mbps
<input type="checkbox"/>	PoP-SP	Jiangsu	137.76 Kbps	22.91 Mbps	23.05 Mbps
<input type="checkbox"/>	PoP-SP	Guangxi	7.59 Kbps	18.98 Mbps	18.98 Mbps

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

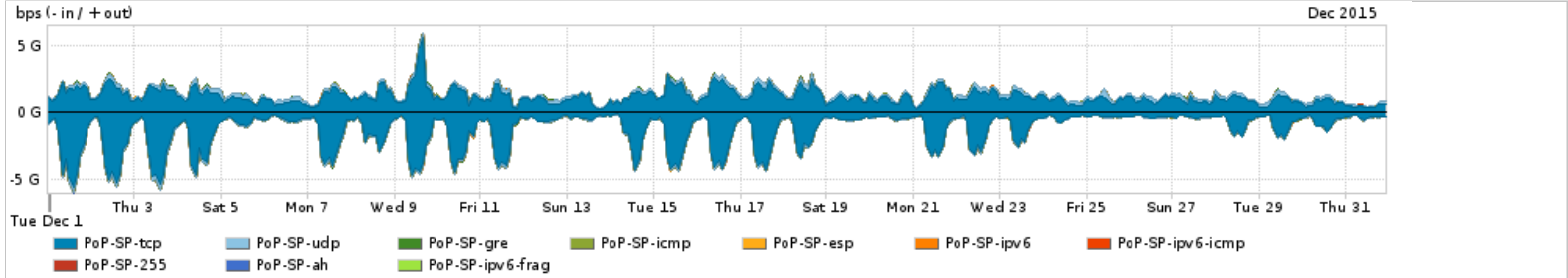


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	http	585.90 Mbps	567.17 Mbps	1.15 Gbps
<input type="checkbox"/>	PoP-SP	ssl	554.25 Mbps	137.05 Mbps	691.31 Mbps

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	other TCP	162.27 Mbps	301.65 Mbps	463.92 Mbps
<input type="checkbox"/>	PoP-SP	other UDP	77.87 Mbps	147.52 Mbps	225.39 Mbps
<input type="checkbox"/>	PoP-SP	dns	4.79 Mbps	77.35 Mbps	82.14 Mbps
<input type="checkbox"/>	PoP-SP	macromedia-fcs	10.54 Mbps	44.36 Mbps	54.90 Mbps
<input type="checkbox"/>	PoP-SP	rdp	3.94 Mbps	32.17 Mbps	36.11 Mbps
<input type="checkbox"/>	PoP-SP	ssh	6.09 Mbps	19.44 Mbps	25.52 Mbps
<input type="checkbox"/>	PoP-SP	rsync	12.83 Mbps	2.19 Mbps	15.02 Mbps
<input type="checkbox"/>	PoP-SP	smtp	5.80 Mbps	2.74 Mbps	8.54 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	tcp	1.35 Gbps	1.13 Gbps	2.48 Gbps
<input type="checkbox"/>	PoP-SP	udp	83.14 Mbps	207.77 Mbps	290.91 Mbps
<input type="checkbox"/>	PoP-SP	gre	1.27 Mbps	5.41 Mbps	6.68 Mbps
<input type="checkbox"/>	PoP-SP	icmp	2.28 Mbps	2.18 Mbps	4.46 Mbps
<input type="checkbox"/>	PoP-SP	esp	850.86 Kbps	751.90 Kbps	1.60 Mbps
<input type="checkbox"/>	PoP-SP	ipv6	216.74 Kbps	962.21 Kbps	1.18 Mbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	56.95 Kbps	12.80 Kbps	69.75 Kbps
<input type="checkbox"/>	PoP-SP	255	0.00 bps	11.57 Kbps	11.57 Kbps
<input type="checkbox"/>	PoP-SP	ah	2.50 Kbps	1.04 Kbps	3.54 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-frag	8.00 bps	41.00 bps	49.00 bps

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