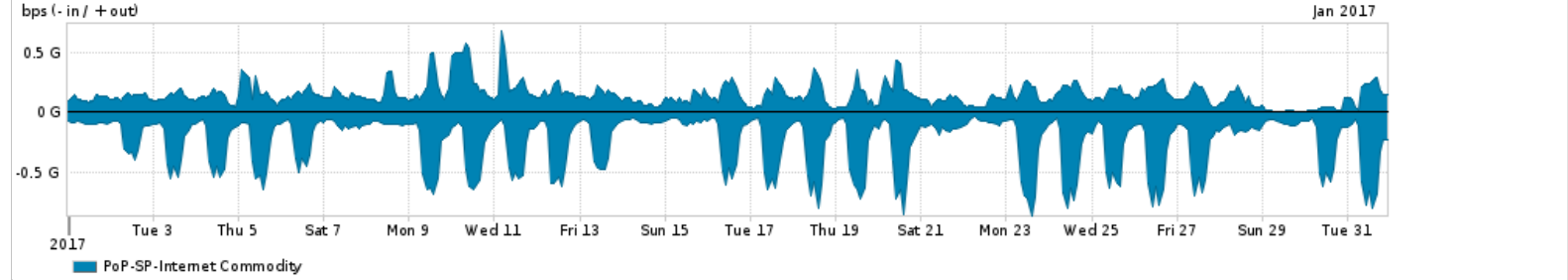


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

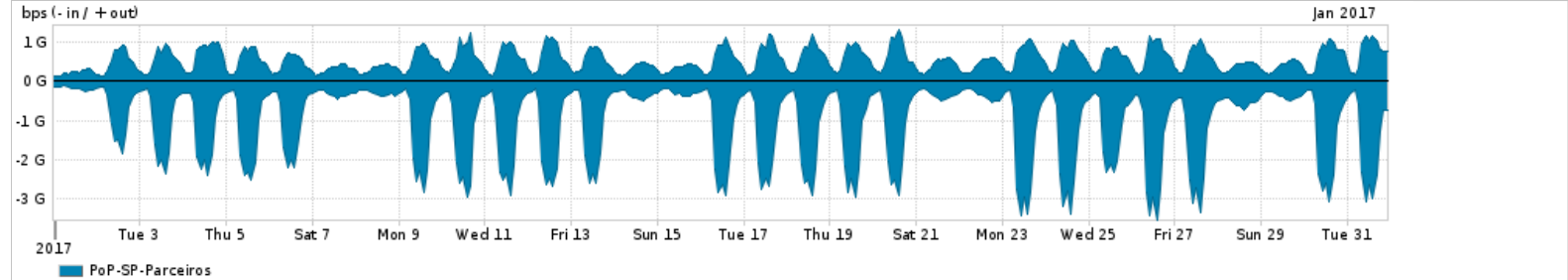
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Commodity	249.39 Mbps	148.87 Mbps	398.26 Mbps

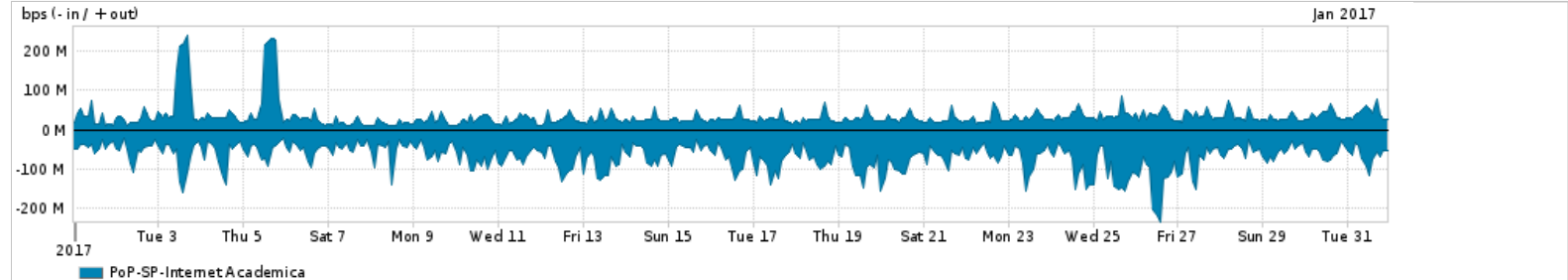
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Parceiros	1.02 Gbps	546.28 Mbps	1.57 Gbps

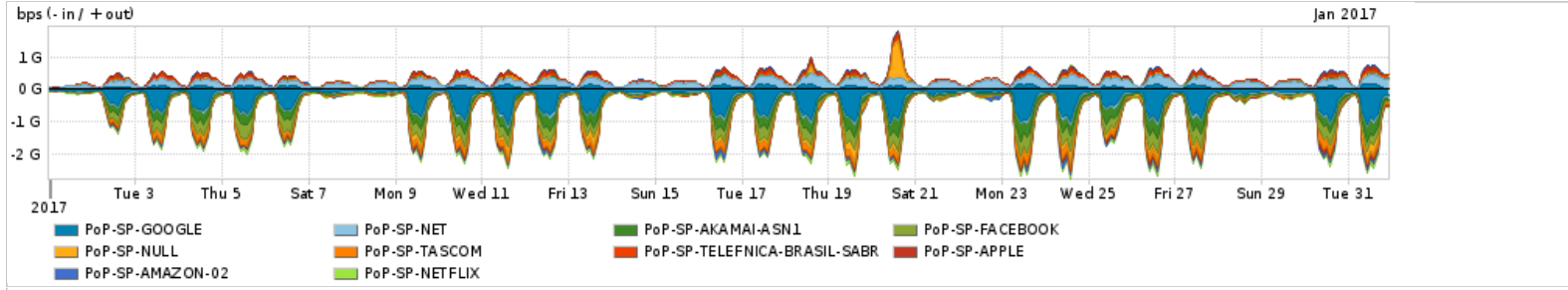
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Acadêmica	70.02 Mbps	33.57 Mbps	103.59 Mbps

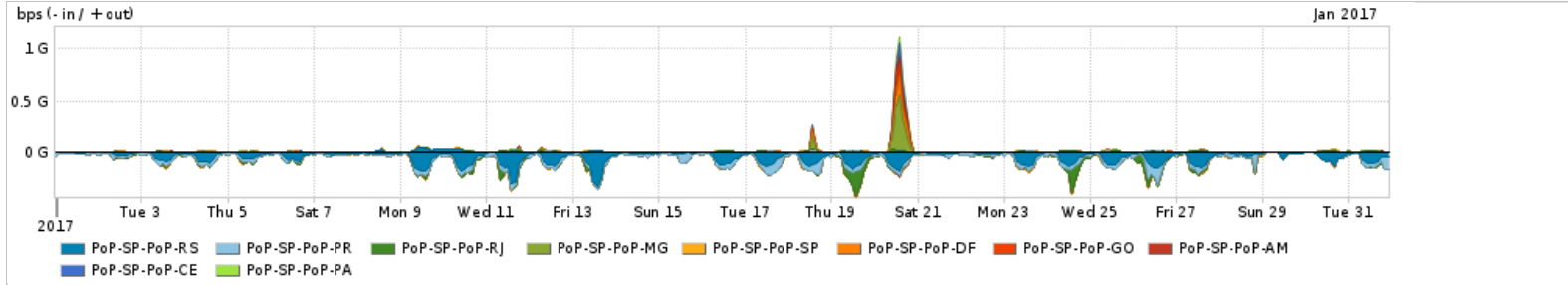
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	GOOGLE	15169	269.83 Mbps	47.02 Mbps	316.85 Mbps
<input type="checkbox"/>	PoP-SP	NET	28573	31.29 Mbps	162.96 Mbps	194.25 Mbps
<input type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	131.54 Mbps	2.10 Mbps	133.63 Mbps
<input type="checkbox"/>	PoP-SP	FACEBOOK	32934	124.39 Mbps	5.31 Mbps	129.70 Mbps
<input type="checkbox"/>	PoP-SP	NULL	0	55.42 Mbps	13.71 Mbps	69.14 Mbps
<input type="checkbox"/>	PoP-SP	TASCOM	52871	64.29 Mbps	777.49 Kbps	65.07 Mbps
<input type="checkbox"/>	PoP-SP	TELEFNICA-BRASIL-SABR	27699	8.88 Mbps	50.62 Mbps	59.51 Mbps
<input type="checkbox"/>	PoP-SP	APPLE	714	14.61 Mbps	26.79 Mbps	41.40 Mbps
<input type="checkbox"/>	PoP-SP	AMAZON-02	16509	31.68 Mbps	8.82 Mbps	40.50 Mbps
<input type="checkbox"/>	PoP-SP	NETFLIX	2906	39.07 Mbps	444.49 Kbps	39.52 Mbps

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

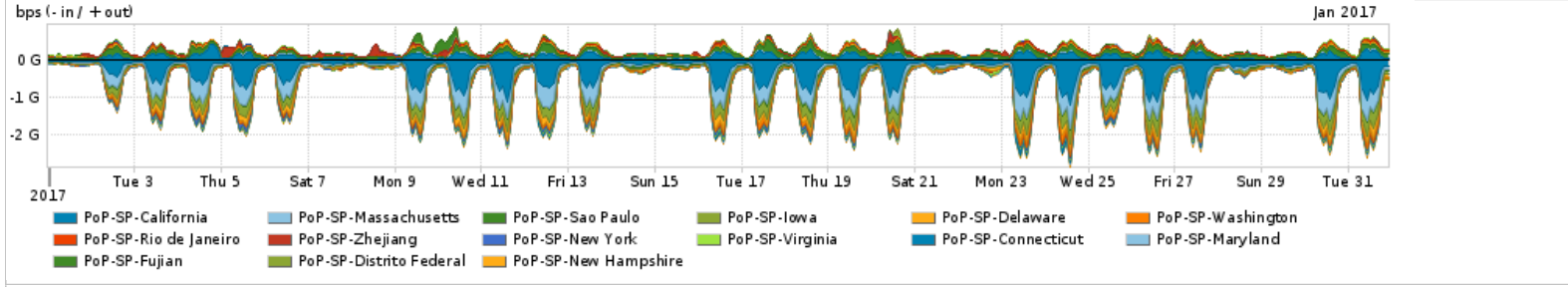


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-RS	49.82 Mbps	2.67 Mbps	52.49 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PR	26.85 Mbps	430.67 Kbps	27.29 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RJ	7.56 Mbps	784.86 Kbps	8.34 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MG	59.88 Kbps	5.18 Mbps	5.24 Mbps
<input type="checkbox"/>	PoP-SP	PoP-SP	1.11 Mbps	1.11 Mbps	2.22 Mbps
<input type="checkbox"/>	PoP-SP	PoP-DF	18.51 Kbps	2.10 Mbps	2.12 Mbps
<input type="checkbox"/>	PoP-SP	PoP-GO	16.22 Kbps	1.26 Mbps	1.28 Mbps
<input type="checkbox"/>	PoP-SP	PoP-AM	19.90 Kbps	1.10 Mbps	1.12 Mbps
<input type="checkbox"/>	PoP-SP	PoP-CE	10.76 Kbps	896.03 Kbps	906.78 Kbps

PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	PoP-PA	9.50 Kbps	859.72 Kbps
				869.22 Kbps

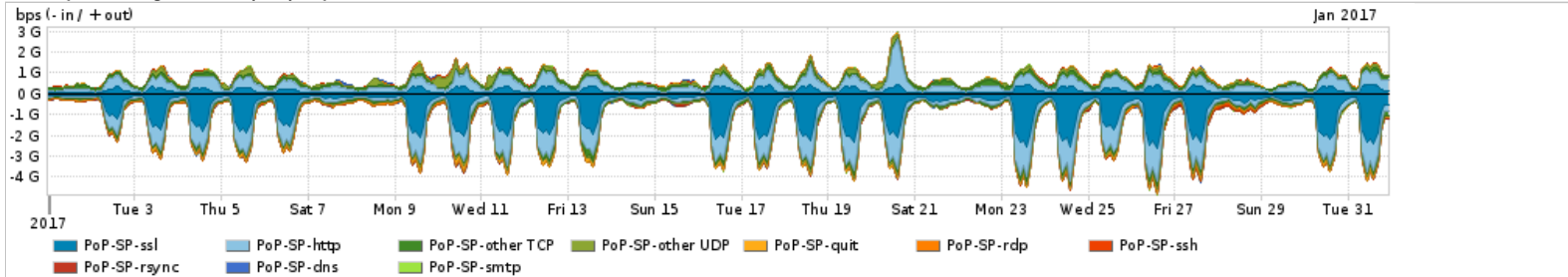
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	California	281.46 Mbps	84.24 Mbps	365.70 Mbps
<input type="checkbox"/>	PoP-SP	Massachusetts	164.90 Mbps	4.85 Mbps	169.74 Mbps
<input type="checkbox"/>	PoP-SP	Sao Paulo	24.27 Mbps	90.73 Mbps	115.01 Mbps
<input type="checkbox"/>	PoP-SP	Iowa	105.51 Mbps	1.30 Mbps	106.80 Mbps
<input type="checkbox"/>	PoP-SP	Delaware	68.95 Mbps	11.61 Mbps	80.56 Mbps
<input type="checkbox"/>	PoP-SP	Washington	30.91 Mbps	7.04 Mbps	37.94 Mbps
<input type="checkbox"/>	PoP-SP	Rio de Janeiro	7.71 Mbps	22.27 Mbps	29.97 Mbps
<input type="checkbox"/>	PoP-SP	Zhejiang	104.59 Kbps	28.34 Mbps	28.44 Mbps
<input type="checkbox"/>	PoP-SP	New York	23.07 Mbps	1.45 Mbps	24.52 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	12.09 Mbps	8.86 Mbps	20.95 Mbps
<input type="checkbox"/>	PoP-SP	Connecticut	17.75 Mbps	770.94 Kbps	18.52 Mbps
<input type="checkbox"/>	PoP-SP	Maryland	14.02 Mbps	486.38 Kbps	14.50 Mbps
<input type="checkbox"/>	PoP-SP	Fujian	65.25 Kbps	14.19 Mbps	14.26 Mbps
<input type="checkbox"/>	PoP-SP	Distrito Federal	6.18 Mbps	6.61 Mbps	12.79 Mbps
<input type="checkbox"/>	PoP-SP	New Hampshire	12.10 Mbps	420.46 Kbps	12.52 Mbps

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

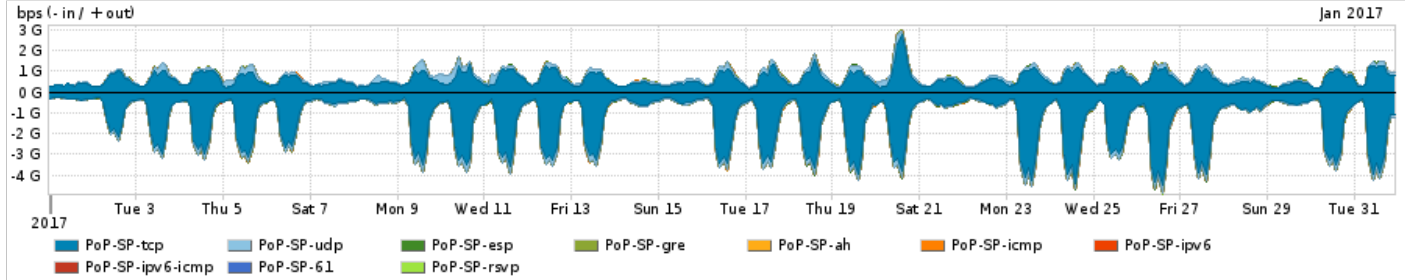


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	ssl	705.05 Mbps	133.69 Mbps	838.74 Mbps
<input type="checkbox"/>	PoP-SP	http	427.07 Mbps	314.28 Mbps	741.35 Mbps

PROFILE	APPLICATION	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	other TCP	99.22 Mbps	234.47 Mbps
<input type="checkbox"/>	PoP-SP	other UDP	52.32 Mbps	145.71 Mbps
<input type="checkbox"/>	PoP-SP	quit	51.27 Mbps	75.35 Mbps
<input type="checkbox"/>	PoP-SP	rdp	36.34 Mbps	40.55 Mbps
<input type="checkbox"/>	PoP-SP	ssh	11.55 Mbps	21.95 Mbps
<input type="checkbox"/>	PoP-SP	rsync	14.09 Mbps	16.02 Mbps
<input type="checkbox"/>	PoP-SP	dns	3.75 Mbps	9.79 Mbps
<input type="checkbox"/>	PoP-SP	smtp	3.24 Mbps	8.11 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

PROFILE	PROTOCOL	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	tcp	1.31 Gbps	1.92 Gbps
<input type="checkbox"/>	PoP-SP	udp	109.20 Mbps	234.75 Mbps
<input type="checkbox"/>	PoP-SP	esp	9.67 Mbps	12.64 Mbps
<input type="checkbox"/>	PoP-SP	gre	1.84 Mbps	8.08 Mbps
<input type="checkbox"/>	PoP-SP	ah	2.00 Mbps	2.20 Mbps
<input type="checkbox"/>	PoP-SP	icmp	433.77 Kbps	1.43 Mbps
<input type="checkbox"/>	PoP-SP	ipv6	96.89 Kbps	113.07 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	5.90 Kbps	14.00 Kbps
<input type="checkbox"/>	PoP-SP	61	1.05 Kbps	1.05 Kbps
<input type="checkbox"/>	PoP-SP	rsvp	14.00 bps	15.00 bps

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