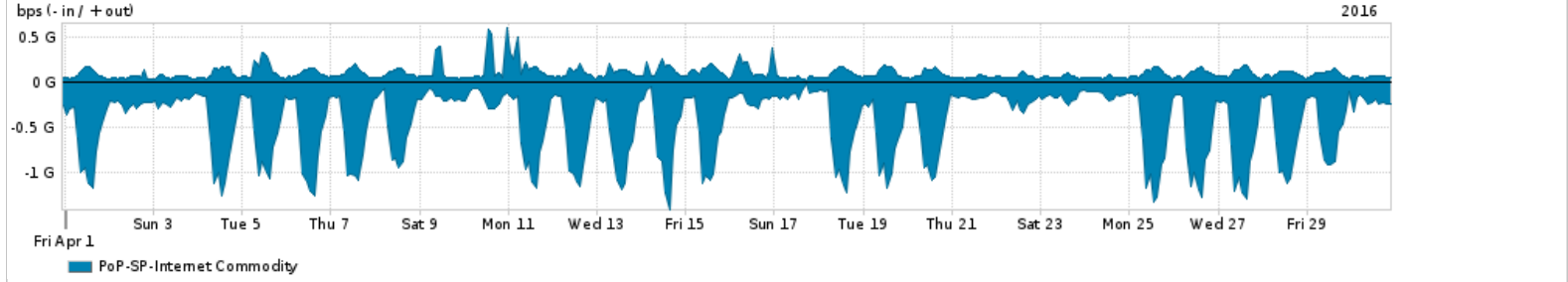


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).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

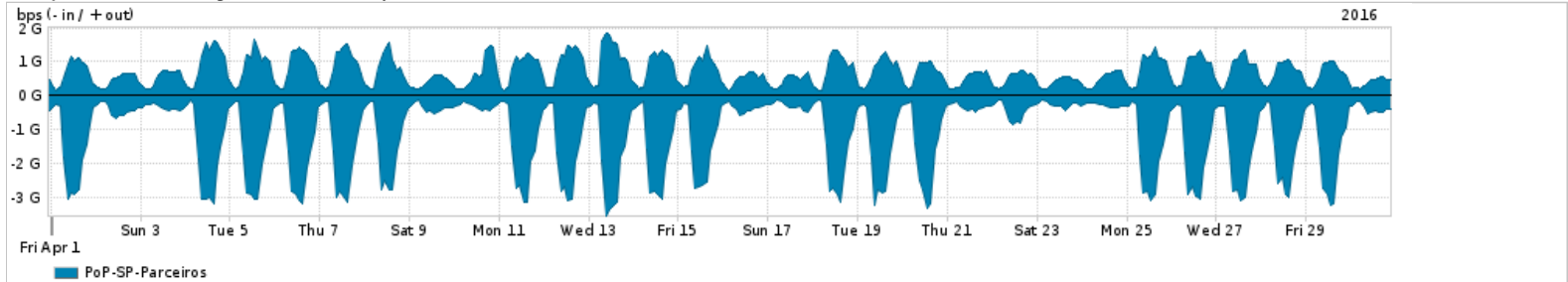
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Commodity	458.29 Mbps	93.69 Mbps	551.97 Mbps

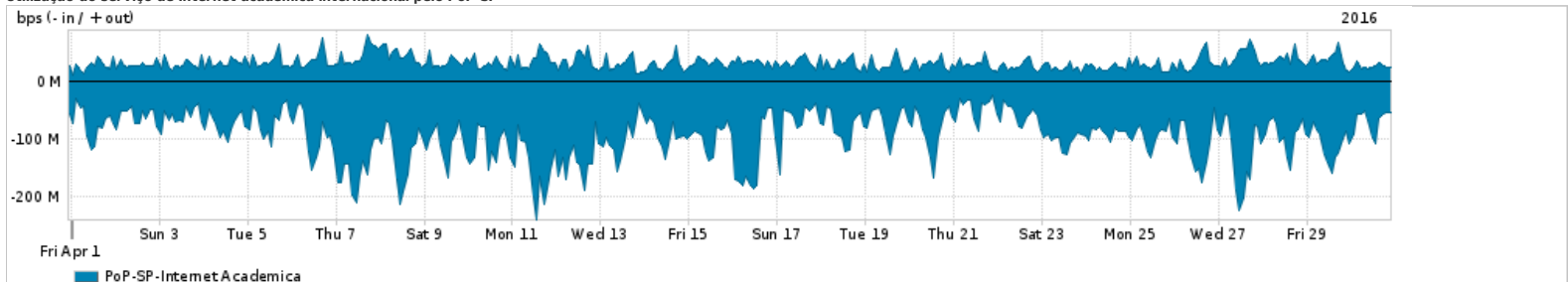
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Parceiros	1.13 Gbps	689.62 Mbps	1.82 Gbps

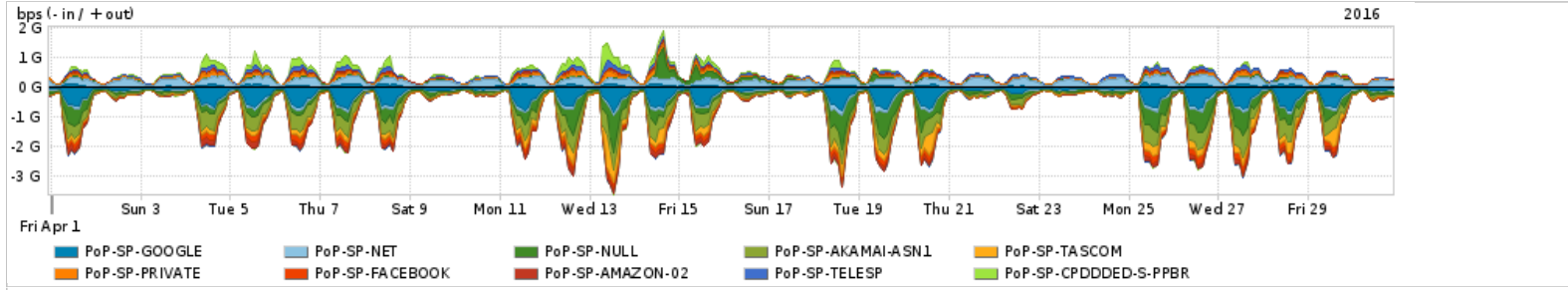
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Academica	93.89 Mbps	31.90 Mbps	125.79 Mbps

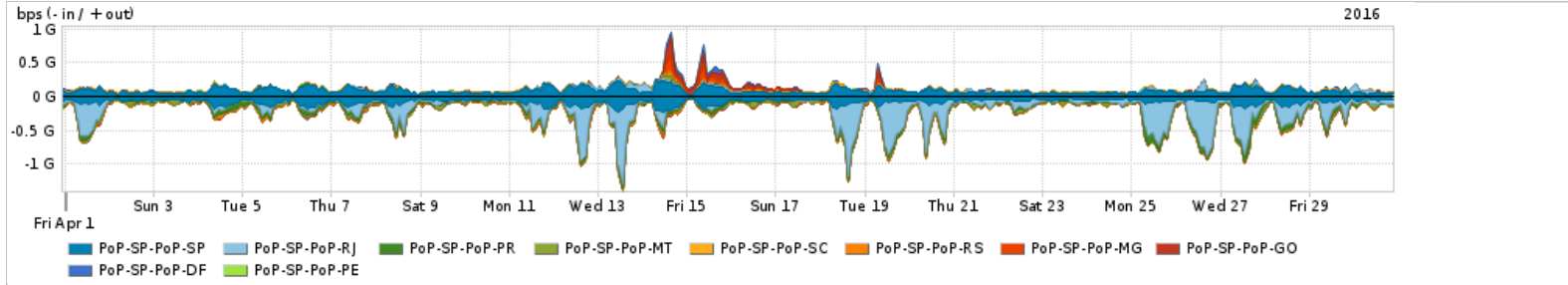
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	GOOGLE	15169	227.19 Mbps	44.31 Mbps 271.49 Mbps
<input type="checkbox"/>	PoP-SP	NET	28573	45.63 Mbps	170.69 Mbps 216.31 Mbps
<input type="checkbox"/>	PoP-SP	NULL	0	183.34 Mbps	30.73 Mbps 214.07 Mbps
<input type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	199.51 Mbps	4.20 Mbps 203.71 Mbps
<input type="checkbox"/>	PoP-SP	TASCOM	52871	83.75 Mbps	293.79 Kbps 84.04 Mbps
<input type="checkbox"/>	PoP-SP	PRIVATE	65011	24.10 Mbps	57.14 Mbps 81.23 Mbps
<input type="checkbox"/>	PoP-SP	FACEBOOK	32934	69.16 Mbps	9.31 Mbps 78.47 Mbps
<input type="checkbox"/>	PoP-SP	AMAZON-02	16509	50.78 Mbps	21.64 Mbps 72.42 Mbps
<input type="checkbox"/>	PoP-SP	TELESP	27699	7.65 Mbps	56.00 Mbps 63.65 Mbps
<input type="checkbox"/>	PoP-SP	CPDDED-S-PPBR	28637	3.12 Mbps	53.15 Mbps 56.26 Mbps

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

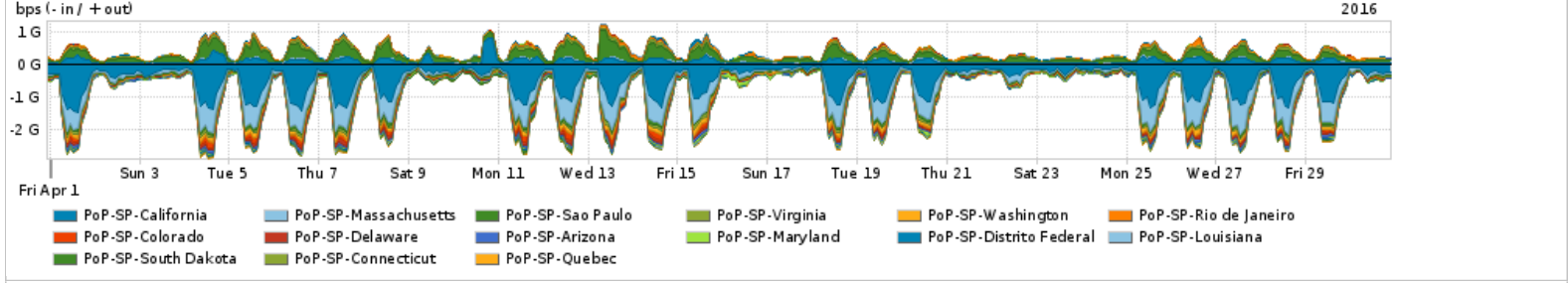


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	PoP-SP	83.73 Mbps	83.73 Mbps 167.45 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RJ	115.35 Mbps	7.91 Mbps 123.26 Mbps
<input type="checkbox"/>	PoP-SP	PoP-PR	28.21 Mbps	277.43 Kbps 28.49 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MT	16.36 Mbps	641.78 Kbps 17.00 Mbps
<input type="checkbox"/>	PoP-SP	PoP-SC	3.76 Mbps	9.17 Mbps 12.93 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RS	10.89 Mbps	1.33 Mbps 12.22 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MG	2.98 Mbps	5.72 Mbps 8.71 Mbps
<input type="checkbox"/>	PoP-SP	PoP-GO	164.77 Kbps	7.60 Mbps 7.77 Mbps
<input type="checkbox"/>	PoP-SP	PoP-DF	1.35 Mbps	4.75 Mbps 6.10 Mbps

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-PE	1.41 Mbps	1.74 Mbps	3.16 Mbps

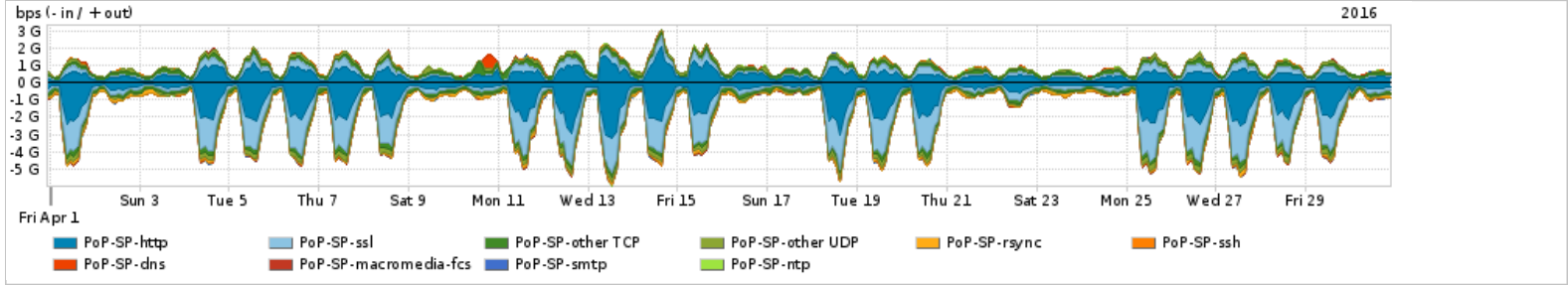
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	California	477.43 Mbps	94.06 Mbps	571.49 Mbps
<input type="checkbox"/>	PoP-SP	Massachusetts	248.49 Mbps	6.27 Mbps	254.76 Mbps
<input type="checkbox"/>	PoP-SP	Sao Paulo	55.02 Mbps	178.50 Mbps	233.52 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	28.62 Mbps	31.61 Mbps	60.23 Mbps
<input type="checkbox"/>	PoP-SP	Washington	43.46 Mbps	8.29 Mbps	51.75 Mbps
<input type="checkbox"/>	PoP-SP	Rio de Janeiro	8.65 Mbps	29.30 Mbps	37.94 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	37.51 Mbps	149.70 Kbps	37.66 Mbps
<input type="checkbox"/>	PoP-SP	Delaware	29.10 Mbps	4.79 Mbps	33.89 Mbps
<input type="checkbox"/>	PoP-SP	Arizona	29.98 Mbps	944.08 Kbps	30.92 Mbps
<input type="checkbox"/>	PoP-SP	Maryland	25.79 Mbps	446.75 Kbps	26.24 Mbps
<input type="checkbox"/>	PoP-SP	Distrito Federal	12.69 Mbps	8.76 Mbps	21.44 Mbps
<input type="checkbox"/>	PoP-SP	Louisiana	12.91 Mbps	8.40 Mbps	21.31 Mbps
<input type="checkbox"/>	PoP-SP	South Dakota	14.86 Mbps	2.06 Mbps	16.92 Mbps
<input type="checkbox"/>	PoP-SP	Connecticut	15.03 Mbps	420.20 Kbps	15.45 Mbps
<input type="checkbox"/>	PoP-SP	Quebec	8.71 Mbps	6.55 Mbps	15.26 Mbps

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

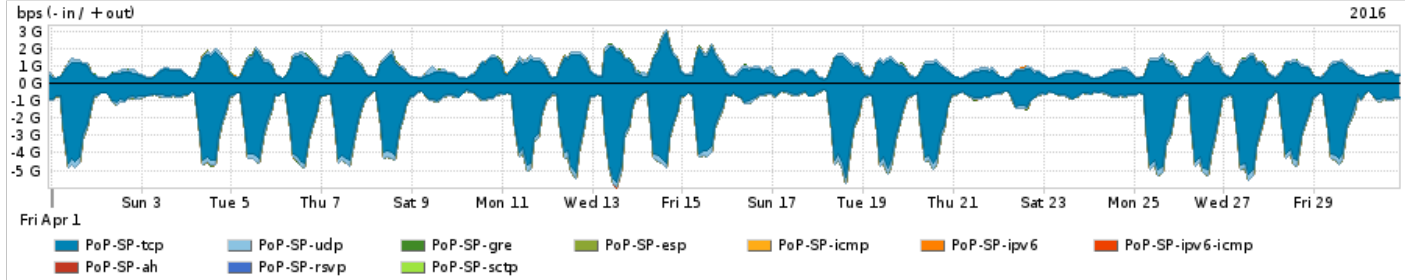


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	http	826.18 Mbps	424.09 Mbps	1.25 Gbps
<input type="checkbox"/>	PoP-SP	ssl	660.54 Mbps	172.92 Mbps	833.46 Mbps

	PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP		other TCP	188.90 Mbps	193.72 Mbps	382.62 Mbps
<input type="checkbox"/>	PoP-SP		other UDP	128.33 Mbps	101.32 Mbps	229.65 Mbps
<input type="checkbox"/>	PoP-SP		rsync	100.96 Mbps	1.33 Mbps	102.30 Mbps
<input type="checkbox"/>	PoP-SP		ssh	9.77 Mbps	13.37 Mbps	23.13 Mbps
<input type="checkbox"/>	PoP-SP		dns	5.71 Mbps	13.22 Mbps	18.93 Mbps
<input type="checkbox"/>	PoP-SP		macromedia-fcs	12.25 Mbps	1.21 Mbps	13.46 Mbps
<input type="checkbox"/>	PoP-SP		smtp	7.02 Mbps	3.25 Mbps	10.26 Mbps
<input type="checkbox"/>	PoP-SP		ntp	1.01 Mbps	8.49 Mbps	9.50 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

	PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP		tcp	1.82 Gbps	830.13 Mbps	2.65 Gbps
<input type="checkbox"/>	PoP-SP		udp	136.25 Mbps	116.33 Mbps	252.58 Mbps
<input type="checkbox"/>	PoP-SP		gre	1.23 Mbps	6.29 Mbps	7.52 Mbps
<input type="checkbox"/>	PoP-SP		esp	1.06 Mbps	856.68 Kbps	1.91 Mbps
<input type="checkbox"/>	PoP-SP		icmp	613.18 Kbps	1.27 Mbps	1.89 Mbps
<input type="checkbox"/>	PoP-SP		ipv6	174.31 Kbps	23.91 Kbps	198.22 Kbps
<input type="checkbox"/>	PoP-SP		ipv6-icmp	34.13 Kbps	8.81 Kbps	42.94 Kbps
<input type="checkbox"/>	PoP-SP		ah	92.00 bps	42.00 bps	134.00 bps
<input type="checkbox"/>	PoP-SP		rsvp	27.00 bps	0.00 bps	27.00 bps
<input type="checkbox"/>	PoP-SP		sctp	0.00 bps	0.00 bps	0.00 bps

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